

MCDONNELL DOUGLAS



McDonnell Douglas Aerospace

464C-4054-AYP

06 May 1997

REC'D

JUL 15 1998

APCO

St. Louis County Department of Health
Air Pollution Control Section
111 South Meramec Avenue
Clayton, Missouri 63105

Encl.: (1) Title V Permit Applications for McDonnell Douglas Corporation St. Louis
County Major Source Facility

Dear Sirs:

Enclosed are two copies of the Title V Permit Application as required by 10 CSR 10-6.065 for the McDonnell Douglas Corporation (MDC) major source facility located in St. Louis County. A check for the application fee in the amount of \$100.00 has been forwarded to Missouri Department of Natural Resources. I am available to discuss in detail any section of the Title V Application.

Sincerely,

A. Yvonne Pierce
Group Manager, Environmental Engineering
Environmental and Hazardous Materials Services
Dept. 464C, Bldg. 110, Mailcode S111-1099
(314) 232-4799

EC: Missouri Department of Natural Resources/1 ltr
Air Pollution Control Program
Operating Permit Unit
P.O. Box 176
Jefferson City, Missouri 65102-0176

VOC trade via EIQ

EXAMPLE

1019199

Emission Reduction Credit (ERC)				
Bldg. 48 VOC ERC per EIQ				
From Permit #'s 3221,3275,3276,3277,3278,3279,3280,3281				
Year	Tons per booth	# of Booths	Total Tons	
1994	1.53	8.00	12.24	
1995	0.99	8.00	7.92	
		Total 94/95	20.16	
		Avg tons to trade	10.08	
27 Vapor Degreaser VOC ERC per EIQ				
Year	Tons			
95	8.31			
96 (strike)	7.41			
Total	15.72			
Avg. tons	7.86			
Total VOC ERC's to trade in				
Bldg 48	10.08			
Bldg 27	7.86			
Total trade	17.94			
Tons VOC needed for permit				
48 paint booths need	25.08			
27 needs	1.26			
51 needs	8.07			
27 Const. permit #6319	0.74			
Total tons needed	35.15			
Total tons needed (permit)	35.15			
Total ERC tons to trade	17.94			
Permit Net	17.21			
Bldg 48 info contact: Charlie Kutterer Ph. 233-5304				
Bldg 27 info contact: Kevin Strickland Ph. 233-8465				
Bldg 51 info contact: Steve Capps Ph. 234-4212				
Const. Permit #6319 contact: Steve Hecht 234-0174				

EXAMPLE.



St. Louis County
Department of Health

ST. LOUIS COUNTY
DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL PROTECTION
AIR POLLUTION CONTROL BRANCH

O P E R A T I N G P E R M I T (#5612)

Effective date: 07/23/97

Permission is hereby granted to:

McDonnell Douglas Corporation
PO Bx 516, 064C/1111099
St. Louis, Mo. 63166

To operate the following equipment/process:

VAPOR DEGREASER
TRICHLOROETHYLENE
NOT VENTED, BLDG 27, U-31

Located at:

McDonnell Douglas Co.
Airport Rd. and McDonnell Blvd
St. Louis, MO 63145

Payment of \$0 operating permit fee is acknowledged.

This Permit to be visibly affixed or placed in accordance with
Section 612.120 St. Louis County Air Pollution Control Code.

This Permit is subject to the list of regulations and any
special permit conditions attached.



Christopher E. Byrne

Program Manager
Air, Land and Water Engineering Branch
Department of Health

PERMIT CONDITIONS FOR PERMIT #5612
Issued on 07/23/97 to
McDonnell Douglas Co.

1. This unit shall be equipped and operated in accordance with the requirements of 10 CSR 10-5.300.
2. Trichloroethylene usage is limited to four thousand one hundred and ten (4,110) gallons per year on a twelve month rolling average.
3. Monthly records of the material usage and the twelve (12) month rolling average shall be maintained on site and made available to the Program Manager, or his designated agent, at any reasonable time.
4. Should records indicate that a violation of the limitations established in condition 2. has occurred; McDonnell Douglas must notify the Program Manager by no later than the next working day.

ST. LOUIS COUNTY AIR POLLUTION CONTROL
PERMIT REVIEW
APPLICABLE REGULATIONS
PERMIT # 5612

612.110

Permits Required

Company must obtain permits to operate the proposed equipment from St. Louis County's Air Pollution Control Section.

10 CSR 10-5.300

Control of Emissions From Solvent Metal Cleaning.

Equipment, operational, training and recordkeeping requirements of the above are applicable.

10 CSR 10-6.110

Submission of Emission Data, Emission Fees and Process Information.

Annual emissions from this unit must be reported on the annual EIQ.

40 CFR Part 63
Subpart T

National Emission Standards for Halogenated Solvent Cleaning Operations:

This unit will be subject to the MACT requirements established in this rule.

VOC trade per permit limit

VOC Emission Reduction Credit (ERC)					
Bldg. 48 VOC ERC per EIQ					
From Permit #'s 3221,3275,3276,3277,3278,3279,3280,3281					
Year	Tons per booth	# of Booths	Total Tons		
1994	1.53	8.00	12.24		
1995	0.99	8.00	7.92		
		Total 94/94	20.16		
		Avg tons to trade	10.08		
Bldg. 27 VOC ERC per Permit Limit.					
Permit # 5612					
Trichloroethylene		4,110 gl/yr			
VOC lbs/gl	12.20				
gl per yr	4,110.00				
lbs/yr	50,142.00				
Tons/yr to trade	25.07				
Total VOC ERC to trade in.					
Bldg. 48	10.08				
Bldg. 27	25.07				
Total tons	35.15				
Tons VOC needed for permit					
48 paint booths need	25.08				
27 needs	1.26				
51 needs	8.07				
27 Const permit #6319	0.74				
Total tons needed	35.15				
Total tons needed (permit)	35.15				
Total ERC tons to trade	35.15				
Permit Net	0.00				
Bldg 48 info contact: Charlie Kutterer Ph. 233-5304					
Bldg 27 info contact: Kevin Strickland Ph. 233-8465					
Bldg 51 info contact: Steve Capps Ph. 234-4212					
Const. Permit #6319 contact: Steve Hecht 234-0174					

Facility Name McDonnell Douglas Corporation		County No. 4300	Plant No. 0230	Year Submitted 1997
Emission Point No. VD-027-01	Emission Unit No. VD-027-01	Applicable Requirement: 40 CFR Part 63, Subpart T: Applicable subsections of: 63.460, 63.464, 63.465, 63.467 and 63.468		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input type="checkbox"/> Testing	<input type="checkbox"/> Monitoring	<input checked="" type="checkbox"/> Applicable Requirements		
<input checked="" type="checkbox"/> Recordkeeping	<input checked="" type="checkbox"/> Reporting	<input type="checkbox"/> Gap Filling		
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method N.A.	Firm	Operating Conditions	Summary of Results
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded solvent usage	Measurement Method 1) Keep logs of dates and amounts of solvent added and removed. 2) Keep calculation sheets showing how monthly and 3-month average emissions are determined.	Frequency monthly	Record Retention 5 years	
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type N.A.	Location Description			Pollutants Being Monitored
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement 1) exceedance report 2) solvent emission report	Title of Report 1) Exceedance Report 2) Solvent Emission Report		Submittal Frequency 1) semiannually 2) annually	
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05				

Facility Name McDonnell Douglas Corporation		County No. 4300	Plant No. 0230	Year Submitted 1997
Emission Point No. VD-042-01	Emission Unit No. VD-042-01	Applicable Requirement: 40 CFR Part 63, Subpart T: Applicable subsections of: 63.460, 63.464, 63.465, 63.467 and 63.468		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input type="checkbox"/> Testing	<input type="checkbox"/> Monitoring	<input checked="" type="checkbox"/> Applicable Requirements		
<input checked="" type="checkbox"/> Recordkeeping	<input checked="" type="checkbox"/> Reporting	<input type="checkbox"/> Gap Filling		
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method N.A.	Firm	Operating Conditions	Summary of Results
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded solvent usage	Measurement Method 1) Keep logs of dates and amounts of solvent added and removed. 2) Keep calculation sheets showing how monthly and 3-month average emissions are determined.	Frequency monthly	Record Retention 5 years	
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method				
Monitoring Device Type N.A.	Location Description			Pollutants Being Monitored
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement 1) exceedance report 2) solvent emission report	Title of Report 1) Exceedance Report 2) Solvent Emission Report		Submittal Frequency 1) semiannually 2) annually	
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D0				

Facility Name McDonnell Douglas Corporation		County No. 4300	Plant No. 0230	Year Submitted 1997
Emission Point No. CC-STL-01	Emission Unit No. VD-042-02	Applicable Requirement: 40 CFR Part 63, Subpart T: Applicable subsections of: 63.460, 63.463, 63.465, 63.466, 63.467 and 63.468		

5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)

Check the Applicable Method		Basis of Compliance Method	
<input type="checkbox"/> Testing	<input checked="" type="checkbox"/> Monitoring	<input checked="" type="checkbox"/> Applicable Requirements	
<input checked="" type="checkbox"/> Recordkeeping	<input checked="" type="checkbox"/> Reporting	<input type="checkbox"/> Gap Filling	

Testing

Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.

Date	Test Method	Firm	Operating Conditions	Summary of Results
	N.A.			

Recordkeeping

List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.

Parameter (data) Being Recorded	Measurement Method	Frequency	Record Retention
per the requirements of the applicable subsections of 63.467	per the requirements of the applicable subsections of 63.467	per the requirements of the applicable subsections of 63.467	5 years

Monitoring

Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method

Monitoring Device Type	Location Description	Pollutants Being Monitored
per the requirements of the applicable subsections of 63.466		
Sampling Frequency	Duration of Sampling	How Data Will Be Reported

Reporting

Describe all reporting requirements and provide the title and frequency of report submittals to the agency.

Reporting Requirement	Title of Report	Submittal Frequency
1) exceedance report 2) solvent emission report or annual report (depending on the compliance method chosen)	1) Exceedance Report 2) Solvent Emission or Annual Report	1) semiannually 2) annually

Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05

Facility Name McDonnell Douglas Corporation		County No. 4300	Plant No. 0230	Year Submitted 1997
Emission Point No. <i>VD-029-01, VD-101-02, VD-102-01 and VD-220-01</i>		Emission Unit No. <i>VD-029-01, VD-101D-04, VD-102-01 and VD-220-01</i>	Applicable Requirement: <i>40 CFR Part 63, Subpart T:</i> <i>Applicable subsections of: 63.460, 63.464, 63.465, 63.467 and 63.468</i>	
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method			Basis of Compliance Method	
<input type="checkbox"/> Testing <input checked="" type="checkbox"/> Recordkeeping			<input checked="" type="checkbox"/> Applicable Requirements <input type="checkbox"/> Gap Filling	
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method <i>N.A.</i>	Firm	Operating Conditions	Summary of Results
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded <i>solvent usage</i>	Measurement Method <i>1) Keep log of dates and amounts of solvent added and removed.</i> <i>2) Keep calculation sheets showing how monthly and 3-month average emissions are determined.</i>	Frequency <i>monthly</i>	Record Retention <i>5 years</i>	
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type <i>N.A.</i>	Location Description			Pollutant(s) Being Monitored
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement <i>1) exceedance report</i> <i>2) solvent emission report</i>	Title of Report <i>1) Exceedance Report</i> <i>2) Solvent Emission Report</i>	Submittal Frequency <i>1) semiannually</i> <i>2) annually</i>		
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05				

Facility Name McDonnell Douglas Corporation		County No. 4300	Plant No. 0230	Year Submitted 1997
Emission Point No. VD-101-01	Emission Unit No. VD-101-01	Applicable Requirement: 40 CFR Part 63, Subpart T: Applicable subsections of: 63.460, 63.464, 63.465, 63.467 and 63.468		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input type="checkbox"/> Testing <input checked="" type="checkbox"/> Recordkeeping		<input checked="" type="checkbox"/> Applicable Requirements <input type="checkbox"/> Gap Filling		
<input type="checkbox"/> Monitoring <input checked="" type="checkbox"/> Reporting				
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method N.A.	Firm	Operating Conditions	Summary of Results
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded solvent usage	Measurement Method 1) Keep logs of dates and amounts of solvent added and removed. 2) Keep calculation sheets showing how monthly and 3-month average emissions are determined.	Frequency monthly	Record Retention 5 years	
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type N.A.	Location Description			Pollutants Being Monitored
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement 1) exceedance report 2) solvent emission report	Title of Report 1) Exceedance Report 2) Solvent Emission Report		Submittal Frequency 1) semiannually 2) annually	
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05F				

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Emission Point No. <i>Vapor Degreasers,</i> <i>CC-STL-01, VD-027-01, VD-029-01,</i> <i>VD-101-01, VD-101-02, VD-102-01,</i> <i>VD-220-01</i>	Emission Unit No. <i>Vapor Degreasers,</i> <i>VD-042-01, VD-042-02, VD-027-01,</i> <i>VD-029-01, VD-101-01, VD-101D-04,</i> <i>VD-102-01, VD-220-01</i>	Applicable Requirement: <i>10 CSR 10-5.300</i>
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5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)

Check the Applicable Method	Basis of Compliance Method
<input type="checkbox"/> Testing	<input type="checkbox"/> Applicable Requirements
<input checked="" type="checkbox"/> Recordkeeping	<input checked="" type="checkbox"/> Gap Filling
<input checked="" type="checkbox"/> Monitoring	
<input type="checkbox"/> Reporting	

Testing

Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.

Date	Test Method	Firm	Operating Conditions	Summary of Results
	<i>N.A.</i>			

Recordkeeping

List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.

Parameter (data) Being Recorded	Measurement Method	Frequency	Record Retention
<i>1) solvent types and purchases</i>	<i>1) Keep records of solvent types and purchases.</i>	<i>1) monthly</i>	<i>1) 5 years</i>
<i>2) solvent consumptions and wastes generated</i>	<i>2) Keep records of solvent consumptions and waste generated.</i>	<i>2) as they occur</i>	<i>2) 5 years</i>
<i>3) maintenance and repair logs</i>	<i>3) Keep records of maintenance and repair logs.</i>	<i>3) as they occur</i>	<i>3) 5 years</i>
<i>4) operator training</i>	<i>4) Conduct and keep records of training for degreaser operators and their supervisors.</i>	<i>4) once per year</i>	<i>4) 5 years</i>

Monitoring

Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.

Monitoring Device Type	Location Description	Pollutant(s) Being Monitored
<i>record keeping as identified in the above section</i>		
Sampling Frequency	Duration of Sampling	How Data Will Be Reported

Reporting

Describe all reporting requirements and provide the title and frequency of report submittals to the agency.

Reporting Requirement	Title of Report	Submittal Frequency
<i>No routine reporting. Records available upon agency request.</i>	<i>N.A.</i>	<i>N.A.</i>

Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
Emission Point No. VD-029-01	Emission Unit No. VD-029-01	Applicable Requirement: 10 CSR 10-6.060 and St. Louis County-APC Code, Chapter 612-Section 612.110, Construction Permit #6258	

5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)

Check the Applicable Method	Basis of Compliance Method
<input type="checkbox"/> Testing <input checked="" type="checkbox"/> Recordkeeping	<input checked="" type="checkbox"/> Applicable Requirements <input type="checkbox"/> Gap Filling
<input checked="" type="checkbox"/> Monitoring <input checked="" type="checkbox"/> Reporting	

Testing

Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary results.

Date	Test Method	Firm	Operating Conditions	Summary of Results
	N.A.			

Recordkeeping

List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.

Parameter (data) Being Recorded	Measurement Method	Frequency	Record Retention
solvent usage	record keeping log	monthly	5 years

Monitoring

Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method

Monitoring Device Type	Location Description	Pollutant(s) Being Monitored
record keeping as identified in the above section		
Sampling Frequency	Duration of Sampling	How Data Will Be Reported

Reporting

Describe all reporting requirements and provide the title and frequency of report submittals to the agency.

Reporting Requirement	Title of Report	Submittal Frequency
1) usage exceedances	-	1) by the next working day after occurrence
2) monthly solvent usage	-	2) upon agency request

Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
Emission Point No. VD-027-01, VD-029-01, VD-042-01, VD-101-01, VD-101-02, VD-220-01	Emission Unit No. VD-027-01, VD-029-01, VD-042-01, VD-101-01, VD-101D-04, VD-220-01	Source Classification Code (SCC) 4-01-002-05	

1. Emission Unit(s) Information

Description Of Unit(s)	Manufacturer, Model No., Date Of Manufacture	Stack IDs	Maximum Design Rate/Capacity
Vapor Degreaser			
Emission Unit Nos.			
VD-027-01, VD-029-01, VD-042-01, VD-101-01, VD-101D-04, VD-220-01	Unknown	N.A.	N.A.

Will this unit be operated under an alternate operating scenario?
 Yes: ☒ No: ☐ If Yes, you must complete a separate Section D.2 on FORM OP - D03 for each scenario.

Total Maximum Design Rate/Capacity
N.A.

2. Alternate Operating Scenario (Flexibility)

Alternate Scenario ID: VD-01	SIC Code Associated with Scenario: 3721
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Description

This alternate operating scenario is being requested to give Boeing St. Louis the flexibility to use the equipment standard compliance method as allowed under the Halogenated Solvent Cleaning NESHAP, 40 CFR Part 63, Subpart T.

Use FORM OP - F01 or the back of this page if additional space is needed for multiple Alternate Operating Scenarios.

3. Voluntary Permit Conditions for reducing potential emissions, conditions will become federally enforceable

Condition(s) Requested	Description	Limitation	Pollutant Controlled
N.A.	N.A.	N.A.	N.A.

Facility Name McDonnell Douglas Corporation		County No. 4300	Plant No. 0230	Year Submitted 1997
Emission Point No. VD-027-01, 029-01, 042-01, 101-01, 101D-04, & 220-01	Emission Unit No. VD-027-01, 029-01, 042-01, 101-01, 101D-04, & 220-01	Applicable Requirement: 40 CFR Part 63, Subpart T: Applicable subsections of: 63.460, 63.463, 63.465, 63.466, 63.467 and 63.468		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input type="checkbox"/> Testing <input checked="" type="checkbox"/> Recordkeeping		<input checked="" type="checkbox"/> Applicable Requirements <input type="checkbox"/> Gap Filling		
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method N.A.	Firm	Operating Conditions	Summary of Results
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded per the requirements of the applicable subsections of 63.467	Measurement Method per the requirements of the applicable subsections of 63.467	Frequency per the requirements of the applicable subsections of 63.467	Record Retention 5 years	
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type per the requirements of the applicable subsections of 63.466	Location Description			Pollutant(s) Being Monitored
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement 1) exceedance report 2) solvent emission or annual report (depending on compliance method chosen)	Title of Report 1) Exceedance Report 2) Solvent Emission or Annual Report		Submittal Frequency 1) semiannually 2) annually	
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D				

STATE & LOCALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

FORM OP - D04

Section

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire, unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
VAPOR DEGREASERS						
VD-027-01	VD-027-01	Vapor Degreaser	N.A. VOC/HAP	St. Louis County APC Code, Chapter 612 - Section 612.120, Permits to be Visually Affixed or Placed St. Louis County APC Code, Chapter 612 - Section 612.150 St. Louis County Operating Permit #5612 (Issued: 9/22/88)	Rule requires permits granted under 612.110 to be affixed in such a manner as to be clearly visible and accessible. Operating Permit #5612: Permit requires that the source is operated "pursuant to the conditions set out in the operating permit application". There are no "permit conditions" or "emission limits" identified in either the permit or permit application. The information presented in the application was provided to document that this source qualified for a de minimis permit.	Operating permits are posted on or near all permitted equipment. N.A.
VD-029-01	VD-029-01	Vapor Degreaser	N.A. VOC/HAP	St. Louis County APC Code, Chapter 612 - Section 612.120, Permits to be Visually Affixed or Placed St. Louis County APC Code, Chapter 612 - Section 612.150 St. Louis County Operating Permit #: (Issued: pending)	Rule requires permits granted under 612.110 to be affixed in such a manner as to be clearly visible and accessible. Operating Permit: Pending	Operating permits will be posted on or near all equipment. Operating Permit: Pending
VD-042-01	VD-042-01	Vapor Degreaser	N.A. VOC/HAP	St. Louis County APC Code, Chapter 612 - Section 612.120, Permits to be Visually Affixed or Placed St. Louis County APC Code, Chapter 612 - Section 612.150 St. Louis County Operating Permit # 5083 (Issued: pending)	Rule requires permits granted under 612.110 to be affixed in such a manner as to be clearly visible and accessible. Operating Permit #5083: Permit requires that the source is operated "pursuant to the conditions set out in the operating permit application". There are no "permit conditions" or "emission limits" identified in either the permit or permit application. The information presented in the application was provided to document that this source qualified for a de minimis permit.	Operating permits will be posted on or near all equipment. N.A.
VD-101-01	VD-101-01	Vapor Degreaser	N.A. VOC/HAP	St. Louis County APC Code, Chapter 612 - Section 612.120, Permits to be Visually Affixed or Placed St. Louis County APC Code, Chapter 612 - Section 612.150 St. Louis County Operating Permit #5078 (Issued: 10/21/82)	Rule requires permits granted under 612.110 to be affixed in such a manner as to be clearly visible and accessible. Operating Permit #5078: Permit requires that the source is operated "pursuant to the conditions set out in the operating permit application". There are no "permit conditions" or "emission limits" identified in either the permit or permit application. The information presented in the application was provided to document that this source qualified for a de minimis permit.	Operating permits are posted on or near all permitted equipment. N.A.
VD-101-02	VD-101D-04	Vapor Degreaser	N.A. VOC/HAP	St. Louis County APC Code, Chapter 612 - Section 612.120, Permits to be Visually Affixed or Placed St. Louis County APC Code, Chapter 612 - Section 612.150 St. Louis County Operating Permit #6168 (Issued: 12/14/95)	Rule requires permits granted under 612.110 to be affixed in such a manner as to be clearly visible and accessible. Operating Permit #6168: Permit requires that the source is operated "pursuant to the conditions set out in the operating permit application". There are no "permit conditions" or "emission limits" identified in either the permit or permit application. The information presented in the application was provided to document that this source qualified for a de minimis permit.	Operating permits are posted on or near all permitted equipment. N.A.

STATE & LOCALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire, unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
VAPOR DEGREASERS						
VD-102-01	VD-102-01	Vapor Degreaser	N.A. VOC/HAP	St. Louis County APC Code, Chapter 612 - Section 612.120, Permits to be Visually Affixed or Placed St. Louis County APC Code, Chapter 612 - Section 612.150 St. Louis County Operating Permit #5081 (Issued: 10/21/82)	Rule requires permits granted under 612.110 to be affixed in such a manner as to be clearly visible and accessible. Operating Permit #5081: Permit requires that the source is operated "pursuant to the conditions set out in the operating permit application". There are no "permit conditions" or "emission limits" identified in either the permit or permit application. The information presented in the application was provided to document that this source qualified for a de minimis permit.	Operating permits are posted on or near all permitted equipment. N.A.
VD-220-01	VD-220-01	Vapor Degreaser	N.A. VOC/HAP	St. Louis County APC Code, Chapter 612 - Section 612.120, Permits to be Visually Affixed or Placed St. Louis County APC Code, Chapter 612 - Section 612.150 St. Louis County Operating Permit #5076 (Issued: 10/21/82)	Rule requires permits granted under 612.110 to be affixed in such a manner as to be clearly visible and accessible. Operating Permit #5076: Permit requires that the source is operated "pursuant to the conditions set out in the operating permit application". There are no "permit conditions" or "emission limits" identified in either the permit or permit application. The information presented in the application was provided to document that this source qualified for a de minimis permit.	Operating permits are posted on or near all permitted equipment. N.A.

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

FORM OP - D04

Sect

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
VAPOR DEGREASERS						
VD-027-01	VD-027-01	Vapor Degreaser	HAP	40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning NESIIAP Applicable Subsections 63.460, 63.464, 63.465, 63.466, 63.467 and 63.468 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as 40 CFR Part 63, Subpart T)	Rule establishes design requirements, sets standards, and offers affected solvent cleaning machines three options for compliance: 1) installing emission control equipment, 2) meeting an idling mode emission limit, or 3) meeting a limit on total emissions. Options 1 and 2 are in conjunction with work practice standards and automated parts handling.	An initial notification was sent to EPA on August 14 1995. This degreaser shall comply by using the 3-month rolling average compliance option. (See Form OP-D for future compliance determination methods.)
			VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Rule establishes: 1) equipment specifications and work practice standards for open-top degreasers and conveyorized degreasers, 2) monthly record keeping requirements, and 3) annual operator training.	McDonnell Douglas uses open-top vapor degreasers that meet the equipment specifications identified in Section (4) (B) and the work practice standards identified in Section (5) (B). Annual operator training and monthly record keeping systems have been established. A list of qualified operators and operating procedures is posted on this machine.
			VOC/HAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1673:	None	N.A.
VD-029-01	VD-029-01	Vapor Degreaser	HAP	40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning NESIIAP Applicable Subsections 63.460, 63.464, 63.465, 63.467 and 63.468 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as 40 CFR Part 63, Subpart T)	Rule establishes design requirements, sets standards, and offers affected solvent cleaning machines three options for compliance: 1) installing emission control equipment, 2) meeting an idling mode emission limit, or 3) meeting a limit on total emissions. Options 1 and 2 are in conjunction with work practice standards and automated parts handling.	An initial notification was sent to EPA on October 2 1996. Construction on this degreaser has not been completed. At start-up, this degreaser shall comply using the 3-month rolling average compliance option (See Form OP-D05 for future compliance determination methods.)
			VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: VD-027-01	Same as EU: VD-027-01
			VOC/HAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #6258 (Issued: 2/5/97)	Construction Permit #6258: 1. Unit is limited to 2,563 gallons of TCE per year on a 12 month rolling average. 2. Records of monthly TCE usage shall be kept for the latest 24 month period and shall be furnished upon request by the Program Manager. 3. If the records indicate TCE usage is in excess of 2,563 gallons per year, the Program Manager shall be notified by the next working day.	Construction Permit #6258: At start-up, McDonnell Douglas will demonstrate compliance by the record keeping methods and report requirements specified in conditions # 2 and #3 of the permit.
VD-042-01	VD-042-01	Vapor Degreaser	HAP	40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning NESIIAP Applicable Subsections 63.460, 63.464, 63.465, 63.466, 63.467 and 63.468 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as 40 CFR Part 63, Subpart T)	Rule establishes design requirements, sets standards, and offers affected solvent cleaning machines three options for compliance: 1) installing emission control equipment, 2) meeting an idling mode emission limit, or 3) meeting a limit on total emissions. Options 1 and 2 are in conjunction with work practice standards and automated parts handling.	An initial notification was sent to EPA on October 1995. This degreaser shall comply by using the 3-month rolling average compliance option. (See Form OP-D for future compliance determination methods.)
			VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: VD-027-01	Same as EU: VD-027-01
			VOC/HAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1137:	None	N.A.

Secti

Facility Name

McDonnell Douglas Corporation

County No.

4300

Plant No.

0230

Year Submitted

1997

Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

Page D04F-46

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
VAPOR DEGREASERS						
VD-220-01	VD-220-01	Vapor Degreaser	HAP	40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning NESHAP Applicable Subsections 63.460, 63.464, 63.465, 63.467 and 63.468 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as 40 CFR Part 63, Subpart T)	Rule establishes design requirements, sets standards, and offers affected solvent cleaning machines three options for compliance: 1) installing emission control equipment, 2) meeting an idling mode emission limit, or 3) meeting a limit on total emissions. Options 1 and 2 are in conjunction with work practice standards and automated parts handling.	An initial notification was sent to EPA on August 14 This degreaser shall comply by using the 3-month rolling average compliance option. (See Form OP-1 for future compliance determination methods.)
			VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: VD-027-01	Same as EU: VD-027-01
			VOC/HAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1171	None	N.A.

The Boeing Company
P.O. Box 516
St. Louis, MO 63166-0516
(314) 232-0232 TELEX 44-857

ICATH
Tim/Sue?
CJW
11/14/97

464C-4228-AYP
November 7, 1997

Missouri Department of Natural Resources
Division of Environmental Quality
P.O. Box 176
205 Jefferson Street
Jefferson City, Missouri 65102-0176



ATTN: Mr. Tim Hines

Reference: (1) DNR Letter Requesting Original Signatures, (Project 183-0010-0001), dated October 6, 1997

Dear Mr. Hines:

Enclosed are copies of Forms OP-AO1 and OP-EO2 with original signatures signed in ink as you requested per Reference (1). If you have any questions, please contact me at (314) 232-4799.

Sincerely,

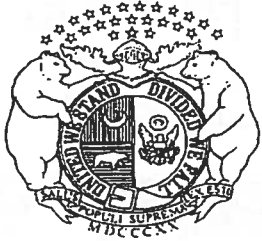
A handwritten signature in cursive script, appearing to read 'A Yvonne Pierce'.

A. Yvonne Pierce
Group Manager, Environmental Engineering
Environmental and Hazardous Materials Services
Dept. 464C, Mailcode S111-1099

AYP:kcb

EC: St. Louis County Department of Health
Air Pollution Control Section
111 South Meramec Avenue
Clayton, Missouri 63105

ATTN: Mr. Charles Wildt



State of Missouri
Department of Natural Resources
Air Pollution Control Program
P.O. Box 176
Jefferson City, MO 65102

OFFICE USE ONLY	
FILING FEE	
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CHECK AMOUNT \$	CHECK DATE / /
PROJECT NUMBER	

FORM OP - A01

APPLICATION FOR AUTHORITY TO OPERATE

All applications MUST be in duplicate and accompanied by a single \$100 filing fee

Section A - General Application Information

1 Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Facility Street Address 2600 North Third Street				County Name St. Charles
City St. Charles	State MO	Mail (ZIP) Code 63301	Facility Phone No. (314) 232-4799	
Facility Mailing Address P.O. Box 516, MC S-1111099			Facility Fax No. (314) 234-7177	
City St. Louis	State MO	Mail (ZIP) Code 63166	Mo. Senatorial District No. 23	
Facility Contact Person Yvonne Pierce			Mo. Representative District No. 17	
Contact Person Title Group Manager, Environmental and Hazardous Materials Services		1/4	1/4	Section Township Range 20 47N 5E
2 Parent Company Name McDonnell Douglas Corporation		Contact Person Yvonne Pierce	Phone No. (314) 232-4799	
Mailing Address P.O. Box 516, MC S-1111099		City St. Louis	State MO	Mail (ZIP) Code 63166
Type of Application (Check one box each for 3 and 4)				
3	<input checked="" type="checkbox"/> Part 70 (Major)	<input type="checkbox"/> Intermediate State	<input type="checkbox"/> Basic State	
4	<input checked="" type="checkbox"/> Initial	<input type="checkbox"/> Renewal (Current Permit No. _____)	<input type="checkbox"/> Minor Permit Modification	
	<input type="checkbox"/> De minimis Modification	<input type="checkbox"/> Significant Permit Modification	<input type="checkbox"/> Administrative Amendment	
5 Applicant's Certification Statement "I certify, based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate and complete."				
Signature of Responsible Official of Company 			Date X 11-597	
Type or Print Name of Signer John J. Van Gels				
Official Title of Signer Vice President/General Manager, Production Operations and General Services			Telephone (314) 233-4000	

Facility Name	County No.	Plant No.	Year Submitted
McDonnell Douglas Corporation	4160	0010	1997

Complete this form once per application with respect to all applicable requirements at the source.
(See Instructions)

1. Schedule for submission of compliance certification during the permit term

Frequency of Submittals

Annually

Beginning Date

January 1, 1998

2. Statement of compliance with enhanced monitoring and compliance certification

Is the Air Contaminant Source Identified In This Application In Compliance With All Applicable Enhanced Monitoring and Compliance Certification Requirements?

Yes: (See Note Below)

No:

(If No, Describe Which Requirements Are NOT Being Met)

Description of Requirement Not Being Met

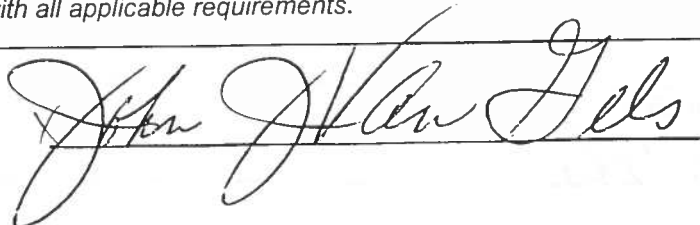
Note: The Compliance Assurance Monitoring Rule has not been finalized by EPA. McDonnell Douglas shall achieve compliance for each affected emission unit or operation subject to the rule by the compliance date.

3. Certification of compliance with all applicable requirements

This certification must be signed by a responsible official (See Instructions).
Applications without a signed certification of compliance will be returned as incomplete.

Except for requirements identified in the above statement for which compliance is not achieved, I hereby certify that, based on information and belief formed after reasonable inquiry, the air contaminant source identified in this application is in compliance with all applicable requirements.

Signature:



Date:

✓ 11-5-97

Name

(Typed or printed): John J. Van Gels

RM OP - 5

COMPLIANCE DETERMINATION METHODS

FEDERALLY ENFORCEABLE

Section D

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
Emission Point 0. VD-027-01	Emission Unit No. VD-027-01	Applicable Requirement: 40 CFR Part 63, Subpart T: Applicable subsections of: 63.460, 63.464, 63.465, 63.467 and 63.468	

Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)

Check the Applicable Method

<input type="checkbox"/> Testing	<input type="checkbox"/> Monitoring
<input checked="" type="checkbox"/> Recordkeeping	<input checked="" type="checkbox"/> Reporting

Basis of Compliance Method

☒ Applicable Requirements
☐ Gap Filling

Testing

Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.

Date	Test Method	Firm	Operating Conditions	Summary of Results
	N.A.			

Recordkeeping

List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.

Parameter (data) Being Recorded	Measurement Method	Frequency	Record Retention
solvent usage	1) Keep logs of dates and amounts of solvent added and removed. 2) Keep calculation sheets showing how monthly and 3-month average emissions are determined.	monthly	5 years

Monitoring

Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.

Monitoring Device Type	Location Description	Pollutant(s) Being
N.A.		
Sampling Frequency	Duration of Sampling	How Data Will Be Reported

Reporting

Describe all reporting requirements and provide the title and frequency of report submittals to the agency.

Reporting Requirement	Title of Report	Submittal Frequency
1) exceedance report	1) Exceedance Report	1) semiannually
2) solvent emission report	2) Solvent Emission Report	2) annually

Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05

Facility Name McDonnell Douglas Corporation		County No. 4300	Plant No. 0230	Year Submitted 1997
Emission Point No. VD-101-01	Emission Unit No. VD-101-01		Source Classification Code (SCC) 4-01-002-05	

1. Emission Unit(s) Information

Description Of Unit(s)	Manufacturer, Model No., Date Of Manufacture	Stack IDs	Maximum Design Rate/Capacity
Trichloroethylene Vapor Degreaser			
Emission Unit Nos. VD-101-01	Unknown	N.A.	N.A.

Will this unit be operated under an alternate operating scenario?

Yes: ☒ No: ☐If Yes, you must complete a separate Section D.2
on FORM OP - D03 for each scenario.Total Maximum
DesignRate/Capacity

N.A.

2. Alternate Operating Scenario (Flexibility)

Alternate Scenario ID: VD-01	SIC Code Associated with Scenario: 3721
---------------------------------	--

Description

This alternate operating scenario is being requested to give Boeing St. Louis the flexibility to use
the three month rolling average compliance method as allowed under the Halogenated Solvent Cleaning
NESHAP, 40 CFR Part 63, Subpart T.

Use FORM OP - F01 or the back of this page if additional space is needed for multiple Alternate Operating
Scenarios.

3. Voluntary Permit Conditions *for reducing potential emissions, conditions will become federally enforceable.*

Condition(s) Requested	Description	Limitation	Pollutant Controlled
N.A.	N.A.	N.A.	N.A.

FORM OP - D05

COMPLIANCE DETERMINATION METHODS

FEDERALLY ENFORCEABLE-ALT. OP. SCENARIO Section D

Facility Name McDonnell Douglas Corporation		County No. 4300	Plant No. 0230	Year Submitted 1997
Emission Point No. VD-101-01	Emission Unit No. VD-101-01	Applicable Requirement: 40 CFR Part 63, Subpart T: Applicable subsections of: 63.460, 63.464, 63.465, 63.467 and 63.468		

5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)

Check the Applicable Method

☐ Testing
 ☒ Monitoring
 ☒ Recordkeeping
 ☐ Reporting

Basis of Compliance Method

☒ Applicable Requirements
 ☐ Gap Filling

Testing

Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.

Date	Test Method	Firm	Operating Conditions	Summary of Results
	N.A.			

Recordkeeping

List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.

Parameter (data) Being Recorded	Measurement Method	Frequency	Record Retention
solvent usage	1) Keep logs of dates and amounts of solvent added and removed. 2) Keep calculation sheets showing how monthly and 3-month average emissions are determined.	monthly	5 years

Monitoring

Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.

Monitoring Device Type	Location Description	Pollutant(s) Being
N.A.		
Sampling Frequency	Duration of Sampling	How Data Will Be Reported

Reporting

Describe all reporting requirements and provide the title and frequency of report submittals to the agency.

Reporting Requirement	Title of Report	Submittal Frequency
1) exceedance report	1) Exceedance Report	1) semiannually
2) solvent emission report	2) Solvent Emission Report	2) annually

Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05

May 1, 1997

Mr. Tim Froeschner
St. Louis County-Department of Health
Air Pollution Control Section
111 South Meramec
Clayton, Missouri 63105

Dear Mr. Froeschner:

McDonnell Douglas Corporation is herein submitting the Title V Operating Permit Application for its St. Louis facilities. The information presented in this application represents McDonnell Douglas' operations in Tract I and II only. Operations which occur in other tracts (also located in St. Louis County) are not included in this application. As you recall from our meeting on December 9, 1996, McDonnell Douglas has determined, based on potential-to-emit estimates, that operations in these tracts (i.e., Tracts III and IV) are either exempt from Title V operating permit requirements or are candidates for a Basic State Operating Permit (per 10 CSR 10-6.065) with a later submittal date.

McDonnell Douglas is pleased to offer any assistance to you during your review of this application, and we look forward to working with you in preparing the upcoming draft permit. If you have any questions, please feel free to call me at (314) 232-4799.

Sincerely,

Yvonne Pierce
Group Manager, Environmental and Hazardous Material Service
McDonnell Douglas Corporation

ADDENDUM

(to cover letter)

Aerospace NESHAP Initial Notification

County No. 4300 Plant No. 0230

As provided for in 40 CFR 63.753(a)(2), this Part 70 permit application is being submitted to meet the Initial Notification requirements for an existing source subject to the Aerospace NESHAP. On 22 December 1995, McDonnell Douglas submitted an initial notification to EPA Region VII, with copies to Missouri DNR and St. Louis County, but shortly thereafter, EPA amended the Aerospace NESHAP to set a later initial notification deadline of 1 September 1997. The elements of the initial notification [40 CFR 63.9(b)(2)] and their references within this permit application are described below:

I. Name and address of the owner or operator:

Form OP-A01.

ii. The physical location of the affected source:

Form OP-A01.

iii. An identification of the relevant standard, or other requirement, that is the basis of the notification and the source's compliance date:

Aerospace Manufacturing and Rework Facilities NESHAP.

40 CFR 63 Subpart GG

Effective date: 1 September 1995.

Compliance Date for Existing Sources: 1 September 1998.

iv. A brief description of the nature, size, design, and method of operation of the source, including its operating design capacity and an identification of each point of emission for each hazardous air pollutant, or if a definitive identification is not yet possible, a preliminary identification of each point of emission for each hazardous air pollutant:

Emission units are described in Forms OP-D04 with the Aerospace NESHAP as an applicable requirement.

v. A statement of whether the affected source is a major source or area source:

Major NESHAP source per 40 CFR 63.2.

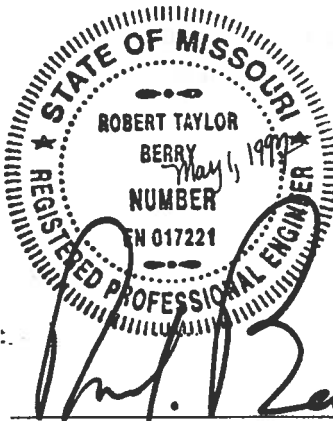
TITLE V OPERATING PERMIT APPLICATION

**McDonnell Douglas Corporation
St. Louis, Missouri**

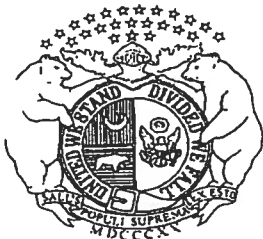
APPLICATION INDEX

<u>Section</u>	<u>Section Title</u>
A	Forms OP-A01, OP-A02, OP-A03, and OP-F01
B	Emission Inventory Questionnaire
C	Forms OP-C01, OP-C02, and OP-C03
D	Forms OP-D01, OP-D02, OP-F01, OP-D03, OP-D04, and OP-D05
E	Forms OP-E01 and OP-E02
F	Form OP-F02

CERTIFICATION



**Dr. Robert T. Berry, P.E.
License No. EN-017221: Missouri**



State of Missouri
Department of Natural Resources
Air Pollution Control Program
P.O. Box 176
Jefferson City, MO 65102

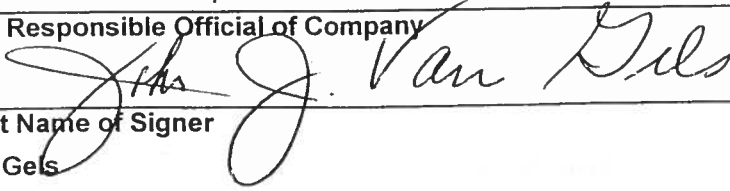
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PROJECT NUMBER	

FORM OP - A01

APPLICATION FOR AUTHORITY TO OPERATE

All applications MUST be in duplicate and accompanied by a single \$100 filing fee

Section A - General Application Information

1 Facility Name McDonnell Douglas Corporation		County No. 4300	Plant No. 0230	Year Submitted 1997		
Facility Street Address Lindbergh and McDonnell Blvd.				County Name St. Louis		
City St. Louis	State MO	Mail (ZIP) Code 63145	Facility Phone No. (314) 232-4799			
Facility Mailing Address P.O. Box 516, MC S-1111099			Facility Fax No. (314) 234-7177			
City St. Louis	State MO	Mail (ZIP) Code 63166	Mo. Senatorial District No. 24			
Facility Contact Person Yvonne Pierce			Mo. Representative District No. 79			
Contact Person Title Group Manager, Environmental and Hazardous Materials Services		1/4	1/4	Section 4	Township 46N	Range 6E
2 Parent Company Name		Contact Person		Phone No. ()		
Mailing Address		City		State	Mail (ZIP) Code	
Type of Application (Check one box each for 3 and 4)						
3	<input checked="" type="checkbox"/> Part 70 (Major)	<input type="checkbox"/> Intermediate State	<input type="checkbox"/> Basic State			
4	<input checked="" type="checkbox"/> Initial	<input type="checkbox"/> Renewal (Current Permit No.)	<input type="checkbox"/> Minor Permit Modification			
	<input type="checkbox"/> De minimis Modification	<input type="checkbox"/> Significant Permit Modification	<input type="checkbox"/> Administrative Amendment			
5 Applicant's Certification Statement "I certify, based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate and complete."						
Signature of Responsible Official of Company 					Date 5-5-97	
Type or Print Name of Signer John J. Van Gels						
Official Title of Signer Vice President/General Manager, Production Operations and General Services					Telephone (314) 233 - 4000	

Permit Shield Request

Per 10 CSR 10-6.065 (6)(C)6., McDonnell Douglas Corporation is hereby requesting, as part of this application, a permit shield for all applicable requirements. Compliance with the conditions of the permit shall be deemed compliance with all applicable requirements as of the date the permit is issued.

FORM OP - A02

APPLICATION FOR AUTHORITY TO OPERATE

Section A

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Section A - Continued

List all the facility's principal product and processes

6 Principal Product	Two-Digit SIC Code
Aircraft Manufacturing	37
7 Processes	
Guided Missiles and Space Vehicles	37
Airports, Flying Fields, and Services	45

8 Are Alternative Operating Scenarios for any Emission Unit Included with this Application?

Yes ☒ No ☐ (If Yes, you MUST complete Section D.2 of FORM OP - D03 of this Application)

9 Has this facility submitted an Emission Inventory Questionnaire (EIQ)?

Yes ☒ No ☐ If Yes, date of most recent EIQ: March 24, 1997

If No, submit two copies of a completed EIQ with this application and complete the following section.

Emission Inventory - (Section B) Indicate the number of each form submitted with application.

N.A. 1.1	PROCESS FLOW DIAGRAM	N.A. 2.4	PETROLEUM LOADING WORKSHEET
N.A. 1.2	SUMMARY OF EMISSION POINTS	N.A. 2.5	ORGANIC LIQUID STORAGE-FIXED ROOF TANK
N.A. 2.0	EMISSION POINT INFORMATION	N.A. 2.5L	GENERAL LIQUID STORAGE TANK INFORMATION
N.A. 2.0C	CONTROL DEVICE INFORMATION	N.A. 2.6	ORGANIC LIQUID STORAGE-FLOATING ROOF TANK
N.A. 2.0P	PORTABLE PLANT INFORMATION	N.A. 2.7	HAUL ROAD FUGITIVE EMISSIONS WORKSHEET
N.A. 2.0S	STACK INFORMATION	N.A. 2.8	STORAGE PILE WORKSHEET
N.A. 2.0Z	OZONE SEASON INFORMATION	N.A. 2.9	STACK TEST/CONTINUOUS EMISSION MONITORING WORKSHEET
N.A. 2.1	FUEL COMBUSTION WORKSHEET	N.A. 2.T	HAZARDOUS AIR POLLUTANT WORKSHEET
N.A. 2.2	INCINERATOR WORKSHEET		
N.A. 2.3	VOC PROCESS MASS-BALANCE WORKSHEET		

10 Indicate the Number and Type of each form attached as part of this application

Insignificant Activities - (Section C)

1	OP-C01	INSIGNIFICANT ACTIVITIES NOT REQUIRED TO BE LISTED	15	OP-C03	LIST OF INSIGNIFICANT ACTIVITIES
1	OP-C02	INSIGNIFICANT ACTIVITIES REQUIRED TO BE LISTED			

Emission Unit Information - (Section D)

1	OP-D01	EXISTING PLANT- WIDE PERMIT CONDITIONS	93	OP-D04	APPLICABLE REQUIREMENTS
1	OP-D02	PROPOSED PLANT-WIDE PERMIT CONDITIONS	89	OP-D05	COMPLIANCE DETERMINATION
7	OP-D03	EMISSION UNIT INFORMATION			

Compliance Plan, Status and Certification - (Section E)

1	OP-E01	COMPLIANCE PLAN/STATUS	1	OP-E02	COMPLIANCE CERTIFICATION STATEMENT
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General Comments and Completeness Checklist - (Section F)

4	OP-F01	GENERAL COMMENTS	1	OP-F02	COMPLETENESS CHECKLIST
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Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Department of Natural Resources, Division 10 - Air Conservation Commission

Applicability		
Yes	No	Reason
	<input checked="" type="checkbox"/>	J

Chapter 1: Organization

TITLE

10 CSR 10-1.010 Organization⁴—see legend in the instructions
State enforceable version reference date: 4/2/87
Federally enforceable version reference date: 7/21/83

Chapter 2: Air Quality Standards and Air Pollution Control Rules Specific to the Kansas City Metropolitan Area

TITLE

- | | | | |
|--|--|--|---|
| | | | 10 CSR 10-2.030 Restriction of Emission of Particulate Matter from Industrial Processes ¹
State enforceable version reference date: 10/13/83
Federally enforceable version reference date: 10/5/89 |
| | | | 10 CSR 10-2.040 Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating ¹
State enforceable version reference date: 3/14/84
Federally enforceable version reference date: 1/24/85 |
| | | | 10 CSR 10-2.060 Restriction of Emission of Visible Air Contaminants ⁹
State enforceable version reference date: 7/16/79
Federally enforceable version reference date: 3/18/80 |
| | | | 10 CSR 10-2.070 Restriction of Emission of Odors ¹⁰
State enforceable version reference date: 8/15/83
Federally enforceable version reference date: State Only Rule |
| | | | 10 CSR 10-2.080 Emission of Visible Air Contaminants From Internal Combustion Engines ⁹
State enforceable version reference date: 12/26/68
Federally enforceable version reference date: 3/18/80 |
| | | | 10 CSR 10-2.100 Open Burning Restrictions ⁸
State enforceable version reference date: 11/9/83
Federally enforceable version reference date: 8/31/84 |
| | | | 10 CSR 10-2.150 Time Schedule for Compliance ⁸
State enforceable version reference date: 3/26/70
Federally enforceable version reference date: 3/18/80 |
| | | | 10 CSR 10-2.160 Restrictions of Emission of Sulfur Compounds ²
State enforceable version reference date: 10/14/77
Federally enforceable version reference date: 3/18/80 |
| | | | 10 CSR 10-2.200 Restriction of Emission of Sulfur Compounds From Indirect Heating Sources ²
State enforceable version reference date: 10/14/77
Federally enforceable version reference date: 3/18/80 |
| | | | 10 CSR 10-2.210 Control of Emissions From Solvent Metal Cleaning ⁴
State enforceable version reference date: 7/1/87
Federally enforceable version reference date: 3/13/89 |
| | | | 10 CSR 10-2.220 Liquefied Cutback Asphalt Paving Restricted ⁴
State enforceable version reference date: 1/3/91
Federally enforceable version reference date: 7/11/80 |

Facility Name Donnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Applicability

Yes	No	Reason
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- | | | | |
|--------------------------|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 CSR 10-2.230 Control of Emissions From Industrial Surface Coating Operations ⁴
State enforceable version reference date: <u>8/4/88</u>
Federally enforceable version reference date: <u>3/5/90</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 CSR 10-2.260 Control of Petroleum Liquid Storage, Loading and Transfer ⁴
State enforceable version reference date: <u>11/27/89</u>
Federally enforceable version reference date: <u>2/12/91</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 CSR 10-2.280 Control of Emissions From Perchloroethylene Dry Cleaning Installations ⁴
State enforceable version reference date: <u>11/10/81</u>
Federally enforceable version reference date: <u>8/30/82</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 CSR 10-2.290 Control of Emissions From Rotogravure and Flexographic Printing Facilities ⁴
State enforceable version reference date: <u>7/15/91</u>
Federally enforceable version reference date: <u>3/5/90</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 CSR 10-2.300 Control of Emissions From the Manufacturing of Paints, Varnishes, Lacquers, Enamels and Other Allied Surface Coating Products ⁴
State enforceable version reference date: <u>8/4/87</u>
Federally enforceable version reference date: <u>3/13/89</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 CSR 10-2.310 Control of Emissions From the Application of Automotive Underbody Deadeners ⁴
State enforceable version reference date: <u>7/1/87</u>
Federally enforceable version reference date: <u>3/13/89</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 CSR 10-2.320 Control of Emissions From Production of Pesticides and Herbicides ⁴
State enforceable version reference date: <u>7/1/87</u>
Federally enforceable version reference date: <u>3/13/89</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 CSR 10-2.330 Control of Gasoline Reid Vapor Pressure ⁴
State enforceable version reference date: <u>1/3/91</u>
Federally enforceable version reference date: <u> </u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 CSR 10-2.340 Control of Emissions From Lithographic Printing Facilities ⁴
State enforceable version reference date: <u>6/4/91</u>
Federally enforceable version reference date: <u> </u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 CSR 10-2.390 Conformity to State Implementation Plans of Transportation Plans, Programs, and Projects Developed, Funded or Approved Under Title 23 U.S.C. or the Federal Transit Act ^{4,5}
State enforceable version reference date: <u>10/4/94</u>
Federally enforceable version reference date: <u>NA</u> |

FORM OP - A03 Continued

Section A

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Applicability

Yes	No	Reason
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<input checked="" type="checkbox"/>	<input type="checkbox"/>	D
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**Kansas City Health Department, Air Quality Section
Chapter 8, Air Quality (Local Agency Rules Only)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8-1	Title of Chapter
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8-2	Definitions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8-3	Administration and Enforcement of Chapter
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8-4	Open Burning Restrictions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8-5	Restriction of Particulate Matter
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8-6	Emission of Sulfur Compounds
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8-7	Emission of Odors
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8-8	Emission of Volatile Organic Compounds
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8-9	Emission of Hazardous Air Pollutants
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8-10	Review of New Sources and Modifications; Permit for Construction or Major Modification
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8-11	Permit to Operate; Notification and Recordkeeping
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8-12	Air Quality Control Board
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8-13	Confidentiality of Records
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8-14	Dilution of Emission
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8-15	Emissions Resulting From Uncontrollable Force or Malfunctions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8-16	Actionable Rights; Violations Declared Public Nuisance
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8-17	Emergency Condition
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8-18	Control of Emissions During Periods of High Air Pollution Potential
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8-19	Penalty for Violation of Chapter
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8-20	Fees

Local Agency Rules - Federally Enforceable (SIP)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 18.85	Open Burning Restrictions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 18.91	Incinerators

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Applicability

Yes	No	Reason
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<input type="checkbox"/>	<input checked="" type="checkbox"/>	D
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Chapter 3: Air Pollution Control Rules Specific to the Outstate Missouri Area

TITLE

- | | | | |
|--------------------------|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 CSR 10-3.010 Auto Exhaust Emission Controls ^a
State enforceable version reference date: <u>8/16/77</u>
Federally enforceable version reference date: <u>3/18/80</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 CSR 10-3.030 Open Burning Restrictions ^a
State enforceable version reference date: <u>11/9/83</u>
Federally enforceable version reference date: <u>8/31/84</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 CSR 10-3.050 Restriction of Emission of Particulate Matter From Industrial Processes ¹
State enforceable version reference date: <u>10/11/83</u>
Federally enforceable version reference date: <u>7/6/82</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 CSR 10-3.060 Maximum Allowable Emissions of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating ¹
State enforceable version reference date: <u>3/14/84</u>
Federally enforceable version reference date: <u>1/24/85</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 CSR 10-3.080 Restriction of Emission of Visible Air Contaminants ⁹
State enforceable version reference date: <u>3/15/79</u>
Federally enforceable version reference date: <u>5/22/81</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 CSR 10-3.090 Restriction of Emission of Odors ¹⁰
State enforceable version reference date: <u>8/15/83</u>
Federally enforceable version reference date: <u>State Only Rule</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 CSR 10-3.100 Restriction of Emission of Sulfur Compounds ²
State enforceable version reference date: <u>7/1/86</u>
Federally enforceable version reference date: <u>2/17/88</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 CSR 10-3.150 Restriction of Emissions of Sulfur Compounds From Indirect Heating Sources ²
State enforceable version reference date: <u>10/14/77</u>
Federally enforceable version reference date: <u>3/18/80</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 CSR 10-3.160 Restriction of Emission of Fluorides From Diammonium Phosphate Fertilizer Production ⁷
State enforceable version reference date: <u>2/27/78</u>
Federally enforceable version reference date: <u>3/14/86</u> |

Facility Name McDonnell Douglas Corporation		County No. 4300	Plant No. 0230	Year Submitted 1997																																												
<div>Applicability</div> <table><thead><tr><th>Yes</th><th>No</th><th>Reason</th><th></th></tr></thead><tbody><tr><td></td><td><input checked="" type="checkbox"/></td><td>D</td><td>Chapter 4: Air Quality Standards and Air Pollution Control Regulations for the Springfield-Greene County Area</td></tr><tr><td></td><td></td><td></td><td>TITLE</td></tr><tr><td></td><td></td><td></td><td>10 CSR 10-4.030 Restriction of Emissions of Particulate Matter From Industrial Processes¹ State enforceable version reference date: <u>10/13/83</u> Federally enforceable version reference date: <u>5/22/81</u></td></tr><tr><td></td><td></td><td></td><td>10 CSR 10-4.040 Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating¹ State enforceable version reference date: <u>3/14/84</u> Federally enforceable version reference date: <u>1/24/85</u></td></tr><tr><td></td><td></td><td></td><td>10 CSR 10-4.060 Restriction of Emission of Visible Air Contaminants⁹ State enforceable version reference date: <u>1/14/77</u> Federally enforceable version reference date: <u>3/18/80</u></td></tr><tr><td></td><td></td><td></td><td>10 CSR 10-4.070 Restriction of Emission of Odors¹⁰ State enforceable version reference date: <u>8/15/83</u> Federally enforceable version reference date: <u>State Only Rule</u></td></tr><tr><td></td><td></td><td></td><td>10 CSR 10-4.090 Open Burning Restrictions¹⁰ State enforceable version reference date: <u>11/9/83</u> Federally enforceable version reference date: <u>8/31/84</u></td></tr><tr><td></td><td></td><td></td><td>10 CSR 10-4.140 Time Schedule for Compliance⁸ State enforceable version reference date: <u>12/5/69</u> Federally enforceable version reference date: <u>3/18/80</u></td></tr><tr><td></td><td></td><td></td><td>10 CSR 10-4.150 Restriction of Emissions of Sulfur Compounds² State enforceable version reference date: <u>10/14/77</u> Federally enforceable version reference date: <u>3/18/80</u></td></tr><tr><td></td><td></td><td></td><td>10 CSR 10-4.190 Restriction of Emission of Sulfur Compounds From Indirect Heating Sources² State enforceable version reference date: <u>10/14/77</u> Federally enforceable version reference date: <u>3/18/80</u></td></tr></tbody></table>					Yes	No	Reason			<input checked="" type="checkbox"/>	D	Chapter 4: Air Quality Standards and Air Pollution Control Regulations for the Springfield-Greene County Area				TITLE				10 CSR 10-4.030 Restriction of Emissions of Particulate Matter From Industrial Processes ¹ State enforceable version reference date: <u>10/13/83</u> Federally enforceable version reference date: <u>5/22/81</u>				10 CSR 10-4.040 Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating ¹ State enforceable version reference date: <u>3/14/84</u> Federally enforceable version reference date: <u>1/24/85</u>				10 CSR 10-4.060 Restriction of Emission of Visible Air Contaminants ⁹ State enforceable version reference date: <u>1/14/77</u> Federally enforceable version reference date: <u>3/18/80</u>				10 CSR 10-4.070 Restriction of Emission of Odors ¹⁰ State enforceable version reference date: <u>8/15/83</u> Federally enforceable version reference date: <u>State Only Rule</u>				10 CSR 10-4.090 Open Burning Restrictions ¹⁰ State enforceable version reference date: <u>11/9/83</u> Federally enforceable version reference date: <u>8/31/84</u>				10 CSR 10-4.140 Time Schedule for Compliance ⁸ State enforceable version reference date: <u>12/5/69</u> Federally enforceable version reference date: <u>3/18/80</u>				10 CSR 10-4.150 Restriction of Emissions of Sulfur Compounds ² State enforceable version reference date: <u>10/14/77</u> Federally enforceable version reference date: <u>3/18/80</u>				10 CSR 10-4.190 Restriction of Emission of Sulfur Compounds From Indirect Heating Sources ² State enforceable version reference date: <u>10/14/77</u> Federally enforceable version reference date: <u>3/18/80</u>
Yes	No	Reason																																														
	<input checked="" type="checkbox"/>	D	Chapter 4: Air Quality Standards and Air Pollution Control Regulations for the Springfield-Greene County Area																																													
			TITLE																																													
			10 CSR 10-4.030 Restriction of Emissions of Particulate Matter From Industrial Processes ¹ State enforceable version reference date: <u>10/13/83</u> Federally enforceable version reference date: <u>5/22/81</u>																																													
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			10 CSR 10-4.090 Open Burning Restrictions ¹⁰ State enforceable version reference date: <u>11/9/83</u> Federally enforceable version reference date: <u>8/31/84</u>																																													
			10 CSR 10-4.140 Time Schedule for Compliance ⁸ State enforceable version reference date: <u>12/5/69</u> Federally enforceable version reference date: <u>3/18/80</u>																																													
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Facility Name Donnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Applicability			
Yes	No	Reason	
	✓	D	Springfield-Greene County, Air Pollution Control Authority Chapter 2A - Air Pollution Control Standards (Local Agency Rules Only)
			Article I In General
			Article II Administrative Organization
			Article III Approval of Planned Installations
			Article IV Restriction of Emission of Visible Air Contaminants from Equipment
			Article V Emission of Particulate Matter from Fuel Burning Equipment
			Article VI Restriction of Emission of Particulate Matter from Industrial Processes
			Article VII Stack Emission Test Method
			Article VIII Open Burning
			Section 2A-32 Emergency Issuance of Permits to Burn Vegetative Waste
			Article X Control of Odors in the Ambient Air
			Article XI Nuisances Because of Air Pollution
			Article XII Submission of Information
			Article XIII Variance Provisions
			Article XIV Sealing
			Article XV Hearing
			Article XVI Breakdown of Equipment
			Article XVII Circumvention
			Article XVIII Service of Orders or Notices
			Article XIX Enforcement of This Chapter
			Article XX Test Methods and Tables
Local Agency Rules - Federally Enforceable (SIP)			
			Article IX Incinerator

FORM OP - A03 Continued

Section A

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Applicability

Yes	No	Reason
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<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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Chapter 5: Air Quality Standards and Air Pollution Control Rules Specific to the St. Louis Metropolitan Area

TITLE

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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10 CSR 10-5.030 Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating¹

State enforceable version reference date: 3/14/84

Federally enforceable version reference date: 1/24/85

<input type="checkbox"/>	<input checked="" type="checkbox"/>	K
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10 CSR 10-5.040 Use of Fuel in Hand-Fired Equipment Prohibited⁸

State enforceable version reference date: 3/14/67

Federally enforceable version reference date: 3/18/80

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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10 CSR 10-5.050 Restriction of Emission of Particulate Matter From Industrial Processes¹

State enforceable version reference date: 10/13/83

Federally enforceable version reference date: 5/22/81

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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10 CSR 10-5.070 Open Burning Restrictions⁸

State enforceable version reference date: 6/30/94

Federally enforceable version reference date: 8/31/84

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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10 CSR 10-5.090 Restriction of Emission of Visible Air Contaminants⁹

State enforceable version reference date: 1/14/77

Federally enforceable version reference date: 4/9/80

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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10 CSR 10-5.110 Restrictions of Emission of Sulfur Dioxide for Use of Fuel²

State enforceable version reference date: 9/14/78

Federally enforceable version reference date: 3/18/80

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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10 CSR 10-5.120 Information on Sales of Fuels to be Provided and Maintained⁸

State enforceable version reference date: 3/14/67

Federally enforceable version reference date: 3/18/80

<input type="checkbox"/>	<input checked="" type="checkbox"/>	K
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10 CSR 10-5.130 Certain Coals to be Washed⁸

State enforceable version reference date: 3/14/67

Federally enforceable version reference date: 3/18/80

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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10 CSR 10-5.150 Emission of Certain Sulfur Compounds Restricted²

State enforceable version reference date: 8/11/78

Federally enforceable version reference date: 3/14/86

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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10 CSR 10-5.160 Control of Odors in the Ambient Air¹⁰

State enforceable version reference date: 8/15/83

Federally enforceable version reference date: State Only Rule

<input type="checkbox"/>	<input checked="" type="checkbox"/>	B
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10 CSR 10-5.170 Control of Odors From Processing of Animal Matter¹⁰

State enforceable version reference date: 3/14/67

Federally enforceable version reference date: State Only Rule

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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10 CSR 10-5.180 Emission of Visible Air Contaminants From Internal Combustion Engine⁹

State enforceable version reference date: 3/14/67

Federally enforceable version reference date: 3/18/80

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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10 CSR 10-5.220 Control of Petroleum Liquid Storage, Loading and Transfer⁴

State enforceable version reference date: 8/15/94

Federally enforceable version reference date: 2/12/91

<input type="checkbox"/>	<input checked="" type="checkbox"/>	D
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10 CSR 10-5.240 Additional Air Quality Control Measures May be Required When Sources Are Clustered in a Small Land Area^{1,2}

State enforceable version reference date: 3/14/67

Federally enforceable version reference date: 3/18/80

FORM OP - A03 Continued

Section A

Facility Name McDonnell Douglas Corporation			County No. 4300	Plant No. 0230	Year Submitted 1997
Applicability					
Yes	No	Reason			
<input checked="" type="checkbox"/>	<input type="checkbox"/>		10 CSR 10-5.250	Time Schedule for Compliance ⁸ State enforceable version reference date: <u>1/31/72</u> Federally enforceable version reference date: <u>3/18/80</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	D	10 CSR 10-5.290	More Restrictive Emission Limitations for Particulate Matter in the South St. Louis Area ¹ State enforceable version reference date: <u>3/14/85</u> Federally enforceable version reference date: <u>8/30/82</u>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>		10 CSR 10-5.300	Control of Emissions From Solvent Metal Cleaning ⁴ State enforceable version reference date: <u>10/4/88</u> Federally enforceable version reference date: <u>3/5/90</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	10 CSR 10-5.310	Liquefied Cutback Asphalt Paving Restricted ⁴ State enforceable version reference date: <u>10/4/88</u> Federally enforceable version reference date: <u>3/5/90</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	10 CSR 10-5.320	Control of Emissions From Perchloroethylene Dry Cleaning Installations ⁴ State enforceable version reference date: <u>10/4/88</u> Federally enforceable version reference date: <u>3/5/90</u>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>		10 CSR 10-5.330	Control of Emissions From Industrial Surface Coating Operations ⁴ State enforceable version reference date: <u>6/30/89</u> Federally enforceable version reference date: <u>11/2/90</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	10 CSR 10-5.340	Control of Emissions From Rotogravure and Flexographic Printing Facilities ⁴ State enforceable version reference date: <u>7/15/91</u> Federally enforceable version reference date: <u>3/5/90</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	10 CSR 10-5.350	Control of Emissions From Manufacture of Synthesized Pharmaceutical Products ⁴ State enforceable version reference date: <u>10/4/88</u> Federally enforceable version reference date: <u>3/5/90</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	E	10 CSR 10-5.360	Control of Emissions From Polyethylene Bag Sealing Operations ⁴ State enforceable version reference date: <u>10/4/88</u> Federally enforceable version reference date: <u>3/5/90</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	E	10 CSR 10-5.370	Control of Emissions From the Application of Deadeners and Adhesives ⁴ State enforceable version reference date: <u>10/4/88</u> Federally enforceable version reference date: <u>3/5/90</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	10 CSR 10-5.380	Motor Vehicle Emissions Inspection ⁸ State enforceable version reference date: <u>7/20/94</u> Federally enforceable version reference date: <u>8/12/85</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	10 CSR 10-5.390	Control of Emissions From Manufacturing of Paints, Varnishes, Lacquers, Enamels and Other Allied Surface Coating Products ⁴ State enforceable version reference date: <u>10/4/88</u> Federally enforceable version reference date: <u>3/5/90</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	10 CSR 10-5.410	Control of Emissions From Manufacture of Polystyrene Resin ⁴ State enforceable version reference date: <u>10/4/88</u> Federally enforceable version reference date: <u>3/5/90</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	10 CSR 10-5.420	Control of Equipment Leaks From Synthetic Organic Chemical and Polymer Manufacture Plants ⁴ State enforceable version reference date: <u>10/4/88</u> Federally enforceable version reference date: <u>3/5/90</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	10 CSR 10-5.430	Control of Emissions From the Surface Coating of Chrome-Plated and Resist Plastic Parts (Applies only to Seigel-Robert Plating Company, Inc. located at 8645 South Broadway, St. Louis, Missouri.) State enforceable version reference date: <u>8/4/87</u> Federally enforceable version reference date: <u>State Only Rule</u>	

Section A

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Facility Name Donnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Applicability

Yes	No	Reason	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	10 CSR 10-5.440 Control of Emissions from Bakery Ovens ⁴ State enforceable version reference date: <u>10/7/94</u> Federally enforceable version reference date: <u>pending</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	10 CSR 10-5.442 Control of Emissions from Lithographic Printing Operations ⁴ State enforceable version reference date: <u>10/7/94</u> Federally enforceable version reference date: <u>pending</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>		10 CSR 10-5.443 Control of Gasoline Reid Vapor Pressure ⁴ State enforceable version reference date: <u>10/7/94</u> Federally enforceable version reference date: <u>pending</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>		10 CSR 10-5.450 Control of VOC Emissions from Traffic Coatings ⁴ State enforceable version reference date: <u>10/7/94</u> Federally enforceable version reference date: <u>pending</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	K	10 CSR 10-5.455 Control of Emission from Solvent Cleanup Operations ⁴ State enforceable version reference date: <u>10/7/94</u> Federally enforceable version reference date: <u>pending</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	10 CSR 10-5.480 Conformity to State Implementation Plans of Transportation Plans, Programs, and Projects Developed, Funded, or Approved Under Title 23 U.S.C. or the Federal Transit Act ^{3,4,5} State enforceable version reference date: <u>10/4/94</u> Federally enforceable version reference date: <u>pending</u>

Section A

FORM OP - A03 Continued

Facility Name Donnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Applicability

Yes No Reason

St. Louis County Department of Health, Air, Land & Water Branch,
Air Pollution Control Section
Chapter 612 - Air Pollution Control Code (Local Agency Rules Only)

<input checked="" type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.010	Short Title
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.020	Scope
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.030	Definitions
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.040	Air Quality Standards and Air Pollution Control Regulations
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.050	Division of Air Pollution Control Established
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.060	Director of Air Pollution Control - Duties
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.070	Appeal Board Establishment
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.080	Duties of the Appeal Board
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.090	Board of Consider Appeal
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.100	Emergency Abatement of Violation - Procedure
<input checked="" type="checkbox"/>	<input type="checkbox"/>		612.110	Permits Required
<input checked="" type="checkbox"/>	<input type="checkbox"/>		612.120	Permits to be Visibly Affixed or Placed
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.130	Permit to Sell or Rent
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.140	Transfer
<input checked="" type="checkbox"/>	<input type="checkbox"/>		612.150	Permit to Operate - When Required
<input checked="" type="checkbox"/>	<input type="checkbox"/>		612.160	General Requirements for Applications for Authority to Construct and Operating Permits
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.170	Information Required for Application for Permits
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.180	Standards for Granting Permits
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.190	Cancellation of Authority to Construct
<input checked="" type="checkbox"/>	<input type="checkbox"/>		612.200	Testing Prior to Granting of Operating Permits
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.210	Action on Application for Permits
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.220	Suspension or Revocation of Permits
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.230	Suspension or Revocation of Operating Permits or Authority to Construct, Board Hearing, Stay of Action
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.240	Surrender of Permits
<input checked="" type="checkbox"/>	<input type="checkbox"/>		612.250	Fees, When Payable, Exceptions
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.260	Permit Fees; Schedules
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.270	Permit Fees; Refund
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.280	Testing by Order of the Board
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.290	Right of Entry; Inspections, Samples

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Section A

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Applicability

<u>Yes</u>	<u>No</u>	<u>Reason</u>		
<input checked="" type="checkbox"/>	<input type="checkbox"/>		612.300	Variances
<input checked="" type="checkbox"/>	<input type="checkbox"/>		612.310	Upset Conditions, Breakdown, or Scheduled Maintenance
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.320	Service of Notice
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.330	Reports of Division Technical Experts; Presumptive Evidence of Facts
<input type="checkbox"/>	<input checked="" type="checkbox"/>	E	612.335	Permitted Hours of Incinerator Operation
<input checked="" type="checkbox"/>	<input type="checkbox"/>		612.340	Air Pollution Nuisances Prohibited
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.350	Disclosure of Secret Processes Prohibited
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.360	Disclosure of Secret Processes. Penalty for.
<input checked="" type="checkbox"/>	<input type="checkbox"/>		612.370	False or Misleading Oral Statements; Unlawful Reproduction or Alteration of Documents
<input checked="" type="checkbox"/>	<input type="checkbox"/>		612.380	Interfering with or Obstructing Division Personnel
<input checked="" type="checkbox"/>	<input type="checkbox"/>		612.390	Penalties for Violation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	612.400	Construction

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Section A

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Applicability			City of St. Louis, Div. of Air Pollution Control (Local Agency Rules Only)
Yes	No	Reason	
	<input checked="" type="checkbox"/>	D	
Ordinance 50163			
			Section 4 Division of Air Pollution Control Created
			Section 5 Continuation of Division of Smoke Regulation
			Section 6 Powers and Duties of Smoke Commissioner
			Section 7 Qualifications, Powers, and Duties
			Section 8 Appointment of Other Employees
			Section 9 Board of Air Pollution Control
			Section 10 Powers and Duties of the Board
			Section 11 Importation, Sale, Transport of Coals
			Section 12 Requirements as to Railroad Engines Locomotives
			Section 13 Emission of Dense Smoke Prohibited
			Section 14 Emission of Fly Ash and Other PM Regulated
			Section 15 When Emissions of Pollutants Become a Nuisance
			Section 16 Tests to Determine Quantity of Pollutants
			Section 17 Registration of Sources of Air Pollution
			Section 18 Permits for Fuel or Refuse Burning Equipment
			Section 19 Labels to be Affixed to Approved Installations
			Section 20 Dealers in Refuse or Fuel Burning Devices
			Section 21 Commissioner to Approve Plans and Issue Permits
			Section 22 Amended by 55293
			Section 23 Commissioner May Enter Premises
			Section 24 Sealing of Violating Equipment: Hearing Before Declaring a Nuisance
			Section 25 Public Hearing May Be Held
			Section 26 Appeals: Method of Taking
			Section 27 Penalty Clause
			Section 28 Separability Clause
Ordinance 55293			
			Section 1 Amendment of Section 22 of 50163 - Fees
Ordinance 59270			
			Section 1 Short Title
			Section 2 Repealer

Section A

Applicability				
Yes	No	Reason		
			Section 3	Declaration of Policy
			Section 4	Definitions
			Section 5	Commissioner of Air Pollution Control qualifications
			Section 6	Commissioner of Air Pollution Powers and Duties--
			Section 7	Board of Air Pollution Appeals and Variance Review
			Section 8	Maximum Allowable PM from Indirect Heating
			Section 9	Use of Hand Fired Equipment Prohibited
			Section 10	Amended by 60023
			Section 11	Restriction of Emissions of PM from Existing Foundry Cupolas
			Section 12	Open Burning Restrictions
			Section 13	Incinerators
			Section 14	Restriction of Emission of Visible Air Contaminants
			Section 15	Preventing Air Contaminants from Becoming Air-borne
			Section 16	Restriction of the Emission of SO ₂ from Use of Fuel
			Section 17	Importation, Sale, Transportation, Use of Certain Coals
			Section 18	Information on Sales of Fuels to be Provided and Maintained
			Section 19	Amended by 60023
			Section 20	Control of Odors in the Ambient Air
			Section 21	Control of Odors from Processing of Animal Matter
			Section 22	Air Pollution Nuisance Prohibited
			Section 23	Amended by 60023
			Section 24	Liquefied Cutback Asphalt Paving Restricted
			Section 25	Control of Emissions from Rotogravure and Flexographic Printing
			Section 26	Amended by 60023
			Section 27	Control of Emission from Pharmaceutical Manufacture
			Section 28	Emissions from Solvent Metal Cleaning
			Section 29	Control of Emissions from Perc Dry Cleaning
			Section 30	Control of Emissions from Polyethylene Bag Sealing
			Section 31	Amended by 60023
			Section 32	Amended by 60023
			Section 33	Emergency Procedures
			Section 34	Rules for Controlling Emissions During Periods of High Air Pollution
			Section 35	Location and Height of Discharge of Air Contaminants.

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Section A

Facility Name McDonnell Douglas Corporation			County No. 4300	Plant No. 0230	Year Submitted 1997								
<table border="1"> <thead> <tr> <th colspan="2">Applicability</th> <th></th> <th></th> </tr> <tr> <th>Yes</th> <th>No</th> <th>Reason</th> <th></th> </tr> </thead> </table>						Applicability				Yes	No	Reason	
Applicability													
Yes	No	Reason											
			Section 36	Measurements of Emissions of Air Contaminants									
			Section 37	Upset Conditions, Breakdown or Scheduled Maintenance									
			Section 38	Variances									
			Section 39	Permits and Inspection Fees									
			Section 40	Rules Governing Sources in Non-Attainment Areas and PSD in Attainment Areas									
			Section 41	Alternate Emission Limits									
			Section 42	Enforcement									
			Section 43	Right of Inspection and Disclosure of Production Data									
			Section 44	Confidentiality of Records									
			Section 45	Cooperation Required									
			Section 46	Circumvention									
			Section 47	Continuation									
			Section 48	Penalty Clause									
			Section 49	Severability									
			Section 50	Emergency Clause									
Ordinance 60023													
			Section 1	Amendment of Section 10 of Ordinance 59270 - Restriction of PM from Industrial Processes									
			Section 2	Amendment of Section 19 of Ordinance 59270 -Control of Emissions from Coke Manufacturing									
			Section 3	Amended by 60629									
			Section 4	Amendment of Section 26 of Ordinance 59270 - Control of Emissions from Industrial Surface Coating Operations									
			Section 5	Amended by 60629									
			Section 6	Control of Emissions from Manufacture of Paints, Varnishes, Lacquers, Enamels and Other Allied Surface Coating Products									
			Section 7	Control of Emissions from the Use of Deadeners and Adhesives									
			Section 8	Control of Emissions from Manufacture of Polystyrene Products									
			Section 9	Control of Emissions from Production of Maleic Anhydride									
			Section 10	Continuation									
			Section 11	Penalty Clause									
			Section 12	Severability									
Ordinance 60629													
			Section 1	Amendment of Section 3 of Ordinance 60023 - Control of Petroleum Liquid - Storage, Loading, and Transfer									
			Section 2	Amendment of Section 5 of Ordinance 60023 - New Performance Standards Adopted									

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Section A

Facility Name Donnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Applicability				
Yes	No	Reason		
_____	_____	_____	Section 3	Amendment of Section 32 of Ordinance 59270 - National Emission Standards for Hazardous Air Pollutants Adopted
_____	_____	_____	Section 4	Restriction of Emissions Credit for Reduced Pollutant Concentrations from the Use of Dispersion Techniques
_____	_____	_____	Section 5	Control of Equipment Leaks from SOCMI and Polymer Manufacture Plants
_____	_____	_____	Section 6	Continuation
_____	_____	_____	Section 7	Penalty Clause
_____	_____	_____	Section 8	Severability

Local Agency Rules - Federally Enforceable (SIP)

_____	_____	_____	Ordinance 546999	Section 13	Refuse Burning Prohibited in Fuel Plant
_____	_____	_____	Ordinance 546999	Section 14	Open Burning, Salvage, Trade Waste
_____	_____	_____	Ordinance 546999	Section 15	Incinerator Requirements

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Section A

Facility Name McDonnell Douglas Corporation			County No. 4300	Plant No. 0230	Year Submitted 1997
Applicability					
<u>Yes</u>	<u>No</u>	<u>Reason</u>			
<u>✓</u>			Chapter 6: Air Quality Standards, Definitions, Sampling and Reference Methods and Air Pollution Control Regulations for the Entire State of Missouri		
			TITLE		
	<u>✓</u>	<u>J</u>	10 CSR 10-6.010	Ambient Air Quality Standards ^{1,2,3,5,6,7} State enforceable version reference date: <u>4/28/88</u> Federally enforceable version reference date: <u>7/31/89</u>	
	<u>✓</u>	<u>J</u>	10 CSR 10-6.020	Definitions and Common Reference Tables ⁸ State enforceable version reference date: <u>12/15/94</u> Federally enforceable version reference date: <u>6/23/92</u>	
	<u>✓</u>	<u>J</u>	10 CSR 10-6.030	Sampling Methods for Air Pollution Sources ⁸ State enforceable version reference date: <u>9/3/91</u> Federally enforceable version reference date: <u>3/13/89</u>	
	<u>✓</u>	<u>J</u>	10 CSR 10-6.040	Reference Methods ⁸ State enforceable version reference date: <u>1/5/88</u> Federally enforceable version reference date: <u>7/31/89</u>	
<u>✓</u>			10 CSR 10-6.050	Start-Up, Shutdown and Malfunction Conditions ⁹ State enforceable version reference date: <u>4/2/87</u> Federally enforceable version reference date: <u>NA</u>	
<u>✓</u>			10 CSR 10-6.060	Construction Permits Required ⁹ State enforceable version reference date: <u>12/15/94</u> Federally enforceable version reference date: <u>3/5/91</u>	
<u>✓</u>			10 CSR 10-6.065	Operating Permits Required ⁹ State enforceable version reference date: <u>9/2/93</u> Federally enforceable version reference date: <u>pending</u>	
<u>✓</u>			10 CSR 10-6.070	New Sources Performance Regulations (See instructions; 40 CFR part 60) ¹² State enforceable version reference date: <u>6/30/94</u> Federally enforceable version reference date: <u>FRR</u>	
<u>✓</u>			10 CSR 10-6.080	Emission Standards for Hazardous Air Pollutants (See instructions; 40 CFR part 61 or 63) ¹¹ State enforceable version reference date: <u>6/30/94</u> Federally enforceable version reference date: <u>FRR</u>	
	<u>✓</u>	<u>B</u>	10 CSR 10-6.090	Restriction of Emission of Fluorides From Primary Aluminum Reduction Installations ⁷ State enforceable version reference date: <u>3/11/81</u> Federally enforceable version reference date: <u>3/14/86</u>	
	<u>✓</u>	<u>K</u>	10 CSR 10-6.100	Alternate Emission Limits ⁴ State enforceable version reference date: <u>6/14/82</u> Federally enforceable version reference date: <u>State Only Rule</u>	
<u>✓</u>			10 CSR 10-6.110	Submission of Emission Data, Emission Fees and Process Information ⁹ State enforceable version reference date: <u>9/2/93</u> Federally enforceable version reference date: <u>4/17/86</u>	
	<u>✓</u>	<u>B</u>	10 CSR 10-6.120	Restriction of Emission of Lead From Primary Lead Smelter-Refinery Installations ⁴ State enforceable version reference date: <u>2/16/94</u> Federally enforceable version reference date: <u>3/6/92</u>	
<u>✓</u>			10 CSR 10-6.130	Controlling Emissions During Episodes of High Air Pollution Potential ⁹ State enforceable version reference date: <u>1/5/88</u> Federally enforceable version reference date: <u>7/31/89</u>	
	<u>✓</u>	<u>J</u>	10 CSR 10-6.140	Restriction of Emissions Credit for Reduced Pollutant Concentrations From the Use of Dispersion Techniques ⁸ State enforceable version reference date: <u>1/6/86</u> Federally enforceable version reference date: <u>3/31/89</u>	

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Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Applicability

Yes	No	Reason
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<input checked="" type="checkbox"/>	<input type="checkbox"/>		10 CSR 10-6.150 Circumvention ^a State enforceable version reference date: <u>4/18/90</u> Federally enforceable version reference date: <u>4/17/91</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>		10 CSR 10-6.170 Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin ¹ State enforceable version reference date: <u>3/5/90</u> Federally enforceable version reference date: <u>State Only Rule</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>		10 CSR 10-6.180 Measurement of Emissions of Air Contaminants ^a State enforceable version reference date: <u>8/2/90</u> Federally enforceable version reference date: <u>7/23/91</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	10 CSR 10-6.210 Confidential Information ^a State enforceable version reference date: <u>9/2/93</u> Federally enforceable version reference date: <u>NA</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	10 CSR 10-6.230 Administrative Penalties ^a State enforceable version reference date: <u>9/11/92</u> Federally enforceable version reference date: <u>NA</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>		10 CSR 10-6.240 Asbestos Abatement Projects - Registration, Notification and Performance Requirements ⁷ State enforceable version reference date: <u>12/14/92</u> Federally enforceable version reference date: <u>NA</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>		10 CSR 10-6.250 Asbestos Abatement Projects - Certification, Accreditation and Business Exemption Requirements ⁷ State enforceable version reference date: <u>8/1/94</u> Federally enforceable version reference date: <u>NA</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	K	10 CSR 10-6.270 Acid Rain Source Permits Required ^{2,3} State enforceable version reference date: <u>6/2/94</u> Federally enforceable version reference date: <u>FRR</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	10 CSR 10-6.280 Compliance Monitoring Usage ^a State enforceable version reference date: <u>6/2/94</u> Federally enforceable version reference date: <u>NA</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	10 CSR 10-6.300 Conformity of General Federal Actions to State Implementation Plans ^a State enforceable version reference date: <u>10/4/94</u> Federally enforceable version reference date: <u>NA</u>

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Source Performance Regulations - 10 CSR 10-6.070

Missouri adopts by reference the New Source Performance Standards (NSPS).

The actual NSPS can be found in 40-CFR Part 60.

Applicability

Yes	No	Subpart	Description
<input type="checkbox"/>	<input checked="" type="checkbox"/>	D	Fossil-Fuel Fired Steam Generators
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Da	Electric Utility Steam Generating Units
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Db	Industrial-Commercial-Institutional Steam Generating Units
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dc	Small Industrial-Commercial-Institutional Steam Generating Units
<input checked="" type="checkbox"/>	<input type="checkbox"/>	E	Incinerators
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ea	Municipal Waste Combustors
<input type="checkbox"/>	<input checked="" type="checkbox"/>	F	Portland Cement Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	G	Nitric Acid Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	H	Sulfuric Acid Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	I	Asphalt Concrete Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	Petroleum Refineries
<input type="checkbox"/>	<input checked="" type="checkbox"/>	K	Storage Vessels for Petroleum Liquids after June 11, 1973
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ka	Storage Vessels for Petroleum Liquids
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Kb	Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) after July 3, 1984
<input type="checkbox"/>	<input checked="" type="checkbox"/>	L	Secondary Lead Smelters
<input type="checkbox"/>	<input checked="" type="checkbox"/>	M	Secondary Brass and Bronze Production Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	N	Primary Emissions from Basic Oxygen Process Furnaces
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Na	Primary Emissions from Basic Oxygen Process Steelmaking Facilities
<input type="checkbox"/>	<input checked="" type="checkbox"/>	O	Sewage Treatment Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	P	Primary Copper Smelters
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Q	Primary Zinc Smelters
<input type="checkbox"/>	<input checked="" type="checkbox"/>	R	Primary Lead Smelters
<input type="checkbox"/>	<input checked="" type="checkbox"/>	S	Primary Aluminum Reduction Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	T	Phosphate Fertilizer Industry; Wet-Process Phosphoric Acid Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	U	Phosphate Fertilizer Industry; Superphosphoric Acid Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	V	Phosphate Fertilizer Industry; Diammonium Phosphate Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	W	Phosphate Fertilizer Industry; Triple Superphosphate Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	X	Phosphate Fertilizer Industry; Granular Triple Superphosphate Storage Facilities
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Y	Coal Preparation Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Z	Ferroalloy Production Facilities
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AA	Steel Plants Electric Arc Furnaces
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Aaa	Steel Plants Electric Arc Furnaces and Argon-Oxygen Decarburization
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BB	Kraft Pulp Mills
<input type="checkbox"/>	<input checked="" type="checkbox"/>	CC	Glass Manufacturing Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	DD	Grain Elevators
<input type="checkbox"/>	<input checked="" type="checkbox"/>	EE	Surface Coating of Metal Furniture
<input type="checkbox"/>	<input checked="" type="checkbox"/>	GG	Stationary Gas Turbines
<input type="checkbox"/>	<input checked="" type="checkbox"/>	HH	Lime Manufacturing Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	KK	Lead-Acid Battery Manufacturing
<input type="checkbox"/>	<input checked="" type="checkbox"/>	LL	Metallic Mineral Processing Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MM	Automobile and Light-Duty Truck Surface Coating Operations
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NN	Phosphate Rock Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	PP	Ammonium Sulfate Manufacture
<input type="checkbox"/>	<input checked="" type="checkbox"/>	QQ	Graphic Arts Industry; Publication Rotogravure Printing
<input type="checkbox"/>	<input checked="" type="checkbox"/>	RR	Pressure Sensitive Tape and Label Surface Coating Operations
<input type="checkbox"/>	<input checked="" type="checkbox"/>	SS	Industrial Surface Coating Large Appliances
<input type="checkbox"/>	<input checked="" type="checkbox"/>	TT	Metal Coil Surface Coating
<input type="checkbox"/>	<input checked="" type="checkbox"/>	UU	Asphalt Processing and Asphalt Roofing Manufacture
<input type="checkbox"/>	<input checked="" type="checkbox"/>	VV	Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry
<input type="checkbox"/>	<input checked="" type="checkbox"/>	WW	Beverage Can Surface Coating Industry
<input type="checkbox"/>	<input checked="" type="checkbox"/>	XX	Bulk Gasoline Terminals
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AAA	New Residential Wood Heaters
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BBB	Rubber Tire Manufacturing Industry
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FFF	Flexible Vinyl and Urethane Coating and Printing
<input type="checkbox"/>	<input checked="" type="checkbox"/>	GGG	Equipment Leaks of VOC in Petroleum Refineries
<input type="checkbox"/>	<input checked="" type="checkbox"/>	HHH	Synthetic Fiber Production Facilities
<input type="checkbox"/>	<input checked="" type="checkbox"/>	III	VOC Emissions from SOGMI Air Oxidation Unit Processes
<input type="checkbox"/>	<input checked="" type="checkbox"/>	JJJ	Petroleum Dry Cleaners

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✓ Source Performance Regulations - 10 CSR 10-6.070
Missouri adopts by reference the New Source Performance Standards (NSPS).
The actual NSPS can be found in 40 CFR Part 60.

Applicability		Subpart	Description
Yes	No		
—	✓	KKK	Equipment Leaks of VOC from Onshore Natural Gas Processing Plants
—	✓	LLL	Onshore Natural Gas Processing-SO ₂ Emissions
—	✓	NNN	VOC Emissions from SO ₂ Distillation Operations
—	✓	OOO	Nonmetallic Mineral Processing Plants
—	✓	PPP	Wool Fiberglass Insulation Manufacturing Plants
—	✓	QQQ	VOC Emissions from Petroleum Refinery Wastewater Systems
—	✓	SSS	Magnetic Tape Coating Facilities
—	✓	TTT	Industrial Surface Coating Surface Coating of Plastic Parts for Business Machines
—	✓	UUU	Standards of Performance for Calciners and Dryers in Mineral Industries
—	✓	VVV	Polymeric Coating of Supporting Substrates Facilities

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ission Standards for Hazardous Air Pollutants - 10 CSR 10-6.080
 Missouri adopts by reference the National Emission Standards for Hazardous Air Pollutants (NESHAP).
 The actual NESHAP can be found in 40 CFR Part 61 and 63.

Applicability

Yes	No	Subpart	Description
		Part 61	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	National Emission Standards for Radon Emissions From Underground Uranium Mines
<input type="checkbox"/>	<input checked="" type="checkbox"/>	C	National Emission Standard for Beryllium
<input type="checkbox"/>	<input checked="" type="checkbox"/>	D	National Emission Standard for Beryllium Rocket Motor Firing
<input type="checkbox"/>	<input checked="" type="checkbox"/>	E	National Emission Standard for Mercury
<input type="checkbox"/>	<input checked="" type="checkbox"/>	F	National Emission Standard for Vinyl Chloride
<input type="checkbox"/>	<input checked="" type="checkbox"/>	H	National Emission Standards for Emissions of Radionuclides Other Than Radon From Department of Energy Facilities
<input type="checkbox"/>	<input checked="" type="checkbox"/>	I	National Emission Standards for Radionuclides Emissions From Facilities Licensed by the Nuclear Regulatory Commission and Federal Facilities Not Covered by Subpart H
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene
<input type="checkbox"/>	<input checked="" type="checkbox"/>	K	National Emission Standards for Radionuclide Emissions From Elemental Phosphorus Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	L	National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants
<input checked="" type="checkbox"/>	<input type="checkbox"/>	M	National Emission Standard for Asbestos
<input type="checkbox"/>	<input checked="" type="checkbox"/>	N	National Emission Standard for Inorganic Arsenic Emissions from Glass Manufacturing Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	O	National Emission Standard for Inorganic Arsenic Emissions from Primary Copper Smelters
<input type="checkbox"/>	<input checked="" type="checkbox"/>	P	National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Q	National Emission Standards for Radon Emissions from Department of Energy Facilities
<input type="checkbox"/>	<input checked="" type="checkbox"/>	R	National Emission Standards for Radon Emissions from Phosphogypsum Stacks
<input type="checkbox"/>	<input checked="" type="checkbox"/>	T	National Emission Standards for Radon Emissions from the Disposal of Uranium Mill Tailings
<input type="checkbox"/>	<input checked="" type="checkbox"/>	V	National Emission Standard for Equipment Leaks (Fugitive Emission Sources)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	W	National Emission Standards for Radon Emissions from Operating Mill Tailings
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Y	National Emission Standards for Benzene Emissions From Benzene Storage Vessels
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BB	National Emission Standard for Benzene Emissions From Benzene Transfer Operations
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FF	National Emission Standard for Benzene Waste Operations
		Part 63	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	F	National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry
<input type="checkbox"/>	<input checked="" type="checkbox"/>	G	National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater
<input type="checkbox"/>	<input checked="" type="checkbox"/>	H	National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks
<input type="checkbox"/>	<input checked="" type="checkbox"/>	I	National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks
<input type="checkbox"/>	<input checked="" type="checkbox"/>	L	National Emission Standards for Coke Oven Batteries
<input type="checkbox"/>	<input checked="" type="checkbox"/>	M	National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities Operations

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Repealed State Regulations retained in SIP

Chapter 2

10 CSR 10-2.050 Preventing Particulate Matter from Becoming Airborne

10 CSR 10-2.090 Incinerators

Chapter 3

10 CSR 10-3.040 Incinerators

10 CSR 10-3.070 Restriction of Particulate Matter from Becoming Airborne

Chapter 4

10 CSR 10-4.050 Preventing Particulate Matter from Becoming Airborne

10 CSR 10-4.080 Incinerators

10 CSR 10-4.110 Measurement of Emissions of Air Contaminants

10 CSR 10-4.130 Circumvention

Chapter 5

10 CSR 10-5.060 Refuse not to be Burned in Fuel Burning Installations

10 CSR 10-5.080 Incinerators

10 CSR 10-5.100 Preventing Particulate Matter from Becoming Airborne

10 CSR 10-5.200 Measurement of Emissions of Air Contaminants (no longer in SIP as of 5 November 1992, 57FR52723)

Chapter 6

Facility Name	County No.	Plant No.	Year Submitted
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Additional rules applicable to McDonnell Douglas which are not listed in Missouri's Form OP-A03.

1. 40 CFR Part 63: National Emission Standards for Hazardous Air Pollutants
Subpart N - National Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks
Subpart T - National Emission Standards for Halogenated Solvent Cleaning
Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities
Subpart DD - National Emission Standards for Hazardous Air Pollutants for Off-Site Waste and Recovery
2. 40 CFR Part 68: Clean Air Act, Section 112(r) - Accidental Release Prevention Program
3. 40 CFR Part 82: Protection of Stratospheric Ozone
4. 10 CSR 10-6.075 Maximum Achievable Control Technology Regulations
5. 10 CSR 10-6.260 Restrictions of Emission of Sulfur Compounds

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Non-Applicable Rules with Reason "K" (From Form OP-A03)Ch 5: Air Quality Standards and Air Pollution Control Rules Specific to the St. Louis Metropolitan Area:**10 CSR 10-5.040 Use of Fuel in Hand-Fired Equipment Prohibited**

Not applicable. McDonnell Douglas has no hand-fired equipment subject to this rule on its premises.

10 CSR 10-5.130 Certain Coals to be Washed

Not applicable. McDonnell Douglas purchases coal that has a sulfur content of <1 wt.% and an ash content of <12 wt.%. A stack test performed on a permitted coal fired boiler (using coal meeting these specifications) indicated that the sulfur dioxide emissions are less than 2.3 lb/MMBtu (i.e., 1.61 lb/MMBtu). Thus, per section (3), this rule is not applicable to McDonnell Douglas.

10 CSR 10-5.455 Control of Emission from Solvent Cleanup Operations

Not applicable. McDonnell Douglas' St. Louis facilities emit less than 500 lbs VOCs per day from covered solvent cleanup operations. (Cleaning activities that are subject to the Aerospace NESHAP are not subject to the provisions of this rule.)

Chapter 6: Air Quality Standards, Definitions,....and Air Pollution Control Regulations for the Entire State of Missouri**10 CSR 10-6.100 Alternate Emission Limits**

Not applicable. McDonnell Douglas has not proposed alternate emission limits for any activities (in its St. Louis facilities) in order to meet the VOC limits specified in the state or local rules.

10 CSR 10-6.270 Acid Rain Source Permit Required

Not applicable. The coal fired power plant is not a producer of electricity and thus, is not in a source category requiring an acid rain permit.

40 CFR Part 60**New Source Performance Standards (NSPS)****Subpart Dc**

Not applicable. The boilers (10-100MMBtu/hr) at McDonnell Douglas' St. Louis facilities have not been modified, constructed, or reconstructed after 06/09/89.

Subpart Ea:

Not applicable. There are two (2) refuse-fired boilers at McDonnell Douglas' St. Louis facilities. These boilers have capacities less than 250 tons/day each and have not been constructed, modified, or reconstructed after December 20, 1989.

Subpart K and Ka:

Not applicable. There are no "petroleum liquid" storage tanks with capacities greater than 40,000 gallons at McDonnell Douglas' St. Louis facilities. (Fuel oil nos. 2 through 6 and diesel fuel nos. 2-D and 4-D are exempt from the definition of "petroleum liquid".)

40 CFR Part 61**National Emission Standards for Hazardous Air Pollutants (NESHAP)****40 CFR Part 61, Subpart I**

Not applicable. This regulation has recently been rescinded by EPA.

**THE 1996 EMISSION INVENTORY QUESTIONNAIRE WAS
SUBMITTED TO ST. LOUIS COUNTY - AIR POLLUTION
CONTROL SECTION ON MARCH 24, 1997.**

FORM OP - C01 INSIGNIFICANT ACTIVITIES NOT REQUIRED TO BE LISTED

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Informational Purposes Only

The Agency considers the following activities as trivial or that have negligible emissions.

Check the appropriate box to indicate the presence or absence of any of the listed trivial activities at the facility. No further information is required elsewhere in the permit application regarding these activities.

- | | | |
|--|---|--|
| 1. Combustion emissions from the propulsion of mobile sources, except for vessel emissions from outer continental shelf (OCS) sources. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 2. Air-conditioning units used for human comfort that do not use a class I or class II ozone depleting substance and do not exhaust air pollutants into the ambient air from any manufacturing or other industrial process. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 3. Ventilating units used for human comfort that do not exhaust air pollutants into the ambient air from any manufacturing or other industrial process. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 4. Noncommercial food preparation or restaurants and other retail establishments for the purpose of preparing food for employee and guest consumption. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 5. Consumer use of office equipment and products, not including printers or businesses primarily involved in photographic reproduction. This exemption is for office equipment that is <u>NOT</u> part of the industrial process of the facility (e.g., white out use and photocopies at a non-photocopy business). | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 6. Janitorial services and consumer use of janitorial products. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 7. Internal combustion engines used for landscaping and other agricultural purposes. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 8. Laundry activities, except for dry-cleaning and steam boilers. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 9. Bathroom/toilet vent emissions. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 10. Emergency (backup) electrical generators at residential locations. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 11. Tobacco smoking rooms and areas. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 12. Blacksmith forges. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 13. Plant maintenance and upkeep activities (e.g., grounds keeping, general repairs, cleaning, painting, welding, plumbing, re-tarring roofs, installing insulation, and paving parking lots) provided these activities are not conducted as part of a manufacturing process, are not related to the source's primary business activity, and are not otherwise triggering a permit modification. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 14. Repair or maintenance shop activities not related to the source's primary business activity, not including emissions from surface coating or de-greasing (solvent metal cleaning) activities, and are not otherwise triggering a permit modification. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 15. Portable electrical generators which can be moved by hand (i.e., that can be moved without the assistance of any motorized or non motorized vehicle, conveyance or device. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 16. Air compressors and pneumatically operated equipment. Including hand tools. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 17. Batteries and battery charging stations. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 18. Storage tanks, vessels, and containers holding or storing liquid substances that will not emit any VOC or HAP. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 19. Storage tanks, reservoirs, and pumping and handling equipment of any size containing soaps, vegetable oil, grease, animal fat, and nonvolatile aqueous salt solutions, provided appropriate lids and covers are utilized. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 20. Equipment used to mix and package soaps, vegetable oil, grease, animal fat, and nonvolatile aqueous salt solutions, provided appropriate lids and covers are utilized. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 21. Drop hammers or hydraulic presses for forging or metal working. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |

FORM OP - C01 CONTINUED

Equipment used exclusively to slaughter animals, but not including other equipment at slaughterhouses, such as rendering cookers, boilers, heating plants, incinerators, and electrical power generating equipment.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
23. Vents from continuous emissions monitoring and other analyzers.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
24. Hand-held applicator equipment for hot melt adhesives with no VOC in the adhesive formula.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
25. Equipment used for surface coating, painting, dipping or spraying operations, except those that will emit a VOC or HAP.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
26. Batch loading and unloading of solid phase catalysts.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
27. CO ₂ lasers, used only on metals and other materials which do not emit a HAP in the process.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
28. Paper trimmers/binders.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
29. Electric or steam-heated drying ovens and autoclaves, but not the emissions from the articles or substances being processed in the ovens or autoclaves or the boilers delivering the steam.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
30. Salt baths using nonvolatile salts that do not result in emissions of any regulated air pollutant.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
31. Laser trimmers using dust collection to prevent fugitive emissions.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
32. Bench-scale laboratory equipment used for physical or chemical analysis, but not emissions from lab fume hoods or vents.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
33. Routine calibration and maintenance of laboratory equipment or other analytical instruments	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
34. Equipment used for quality control/assurance or inspection purposes, including sampling equipment used to withdraw materials for analysis.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
Hydraulic and hydrostatic testing equipment.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
36. Environmental chambers not using a hazardous air pollutant (HAP).	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
37. Shock chambers.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
38. Humidity chambers.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
39. Solar simulators.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
40. Fugitive emissions related to movement of passenger vehicles, provided these activities are incidental to the source's primary business activity.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
41. Process water filtration systems and demineralization.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
42. Demineralized water tanks and demineralizer vents.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
43. Boiler water treatment operations, not including cooling towers.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
44. Oxygen scavenging (de-aeration) of water.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
45. Fire suppression systems.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
46. Emergency road flares.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
47. Steam vents and safety relief valves.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
48. Steam leaks.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
49. Steam cleaning operations.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
50. Steam sterilizers.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
51. Individual valves, flanges, pump seals, and pressure relief valves which have the potential for leaks, provided they are not subject to NSPS (40 CFR Part 60) or NESHAP (40 CFR Part 61 or 63) requirements.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No

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Are any of the following emission units at the source considered insignificant activities because of their size or production rate? If yes, identify the emission units in the "List of Insignificant Activities," Form OP - C03 and provide the requested information.

1.

Combustion Equipment

Yes

No

a)

Any combustion equipment using exclusively natural or liquefied petroleum gas or any combination of these, with a capacity of less than 10,000,000 BTU/hour heat input, provided that:

i)

The equipment emits only combustion products; and

ii)

produces less than 150 pounds per day of any air contaminant.

b)

Any combustion equipment with a capacity of less than 1,000,000 BTU/hour heat input provided that:

i)

The equipment emits only combustion products; and

ii)

produces less than 150 pounds per day of any air contaminant.

2.

Office And Commercial Buildings

Yes

No

Office and commercial buildings, where emissions result solely from space heating by natural or liquefied petroleum gas of less than 20,000,000 BTU/hour heat input, excluding incinerators operated in conjunction with these sources.

Grain Handling, Storage and Drying Facility

Yes

No

Any grain handling, storage and drying facility which:

a)

Is in noncommercial use only, used only to handle, dry or store grain produced by the owner and provided that:

i)

Total storage capacity does not exceed 750,000 bushels;

ii)

Grain handling capacity does not exceed 4,000 bushels per hour; and

iii)

The facility is located at least 500 feet from any recreational area, residence or business not occupied or used solely by the owner.

b)

Is in solely commercial use, and -

i)

has total storage capacity less than or equal to 190,000 bushels (bu), and

ii)

is located at least one-half (1/2) mile from any recreational area, residence or other structure not occupied or used solely by the owner or operator of the facility or the owner of the property upon which the facility is located.

4.

Sand and gravel operations that have a maximum capacity to produce 17.5 tons of product per hour and use only natural gas as fuel when drying.

Yes

No

**McDonnell Douglas Corporation
St. Louis, Missouri
Tracts I and II**

Emissions from Insignificant Activities Reported on Form OP-C03

Emissions from the following sources were determined by emission calculations or evaluated using best engineering judgment. The actual annual emission rates were estimated to be less than the Emission Inventory Questionnaire (EIQ) reportable level (i.e., <0.10 tons/year). Since emissions from these sources are extremely low, they are all being reported as "<0.10 tons/year" on the following forms. A dash, "-", shown by each pollutant indicates that the pollutant is not emitted from the source.

Aggregated emissions from laboratory hoods (as grouped and presented herein) are greater than 0.10 tons/year. In the past, aggregated emissions from all laboratory hoods were reported on the annual EIQ. However, since the emissions from each individual lab hood are less than 0.10 tons/year and the determination of emissions from lab hoods is inherently subject to significant uncertainty and conservative bias (i.e., over-estimation), St. Louis County stated that McDonnell Douglas could report these sources as insignificant activities on Form OP-C03 of its Title V permit application.

Emission calculations and source evaluations are not included in this application. However, this information can be made available to the agency upon request.

MCDONNELL DOUGLAS CORPORATION
St. Louis, Missouri
Tracts I and II

Nomenclature for Emission Unit Numbers and EIQ Emission Point Numbers

Abbreviation	Description
AS	Adhesive / Sealant
BF	Building Fugitive
CC	Cold Cleaner
CL	Coating Line
CS	Combustion Source
CT	Cooling Tower
CU	Composite Usage
DB	Dye Penetrant Booth
DP	Depainting Operations
DT	Dip Tank
EG	Emergency Generator
FA	Fly Ash Collection
FP	Film Processor
GB	Grit Blaster
HP	Hot Press
HT	Heat Treat Operations
HW	Hazardous Waste
LH	Lab Hood
LS	Laser
MB	Mixing Booth
MC	Chemical Depainting
ML	Maskant Line
MO	Melting Oven
MP	Maintenance Painting
MS	Miscellaneous Activity
MT	Miscellaneous Chemical Tank (non-fuel storage tank)
OV	Oven
PE	Particulate Emissions (from grinding, milling, sawing, etc.)
PF	Packaging Foam System
PI	Penetrant Inspection Booth
PP	Seal Peel Pot
PT	Process Tank
RF	Refueling Operations (EIQ reportable)
SB	Spray Booth
SP	Storage Pile
SS	Silk Screening
ST	Storage Tank (fuel)
VD	Vapor Degreaser
VR	Vehicle Refueling Operations (Insignificant Activity)
VS	Misc. Vented Work Area (various solvents)
WE	Welding
WT	Waste Storage Tank
WW	Waste Water Treatment
Example: SB-002-01 Spray Booth in Building 2	

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Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
CC-032-02	2	PM ₁₀	-
Description of Activity		SO _x	-
TPM Solvent Baths (non-metal parts cleaning for the making of aircraft models)		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	-
		Other	-

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
CS-STL-01	Approximately 225	PM ₁₀	See Note
Description of Activity		SO _x	"
Combustion Equipment (natural gas or LPG fired) (less than 10 MMBtu/hour)		NO _x	"
		VOC	"
		CO	"
		Lead	<0.10
		HAPs	<0.10
		Other	-

Note: Emissions are reported in annual Emission Inventory Questionnaire (EIQ) report. (See Emission Point Id No. CS-STL-01 of 1996 EIQ submitted March 24, 1997.)

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
DT-STL-01	4	PM ₁₀	-
Description of Activity		SO _x	-
Quench Tanks (for heat treat operations)		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	-
		Other	-

Facility Name Donnell Douglas Corporation		County No. 4300	Plant No. 0230	Year Submitted 1997
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Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
DT-STL-02	7	PM ₁₀	-
Description of Activity		SO _x	-
Small Coating Tanks (wax, peel coat, rust inhibitors, etc.)		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	-
		Other	-

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
DT-STL-03	4	PM ₁₀	-
Description of Activity		SO _x	-
Temperature Testing Baths For Small Parts		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	-
		Other	-

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
DT-STL-04	2	PM ₁₀	-
Description of Activity		SO _x	-
Chemical Additive Sinks (for process line tank chemicals)		NO _x	-
		VOC	-
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-

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Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
DT-101-02	1	PM ₁₀	-
Description of Activity		SO _x	-
Sealing Tank for Nameplating		NO _x	-
		VOC	-
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
DT-102-11	1	PM ₁₀	-
Description of Activity		SO _x	<0.10
Salt Corrosion Tank (SO ₂ atmosphere)		NO _x	-
		VOC	-
		CO	-
		Lead	-
		HAPs	-
		Other	-

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
FP-STL-01	2	PM ₁₀	-
Description of Activity		SO _x	-
Nameplate Film Processors		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	-
		Other	-

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Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
GB-STL-01	2	PM ₁₀	<0.10
Description of Activity		SO _x	-
Grit Blasters		NO _x	-
		VOC	-
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-
Note: The HAP emission rate is included in the PM ₁₀ emission rate.			

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
LH-STL-01	Approximately 110	PM ₁₀	-
Description of Activity		SO _x	-
Miscellaneous Lab Hoods		NO _x	-
		VOC	0.44
		CO	-
		Lead	-
		HAPs	0.24
		Other	-
Note: The HAP emission rate is included in the VOC emission rate.			

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
LS-STL-01	19	PM ₁₀	<0.10
Description of Activity		SO _x	-
Lasers		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	<0.10
Note: The HAP emission rate is included in either the VOC or PM ₁₀ emission rate.			

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Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MS-STL-01	4	PM ₁₀	<0.10
Description of Activity		SO _x	-
Vented Soldering Operations (bench scale, laboratory)		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-
Note: The HAP emission rate is included in the VOC emission rate.			

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MS-STL-02	5	PM ₁₀	-
Description of Activity		SO _x	-
Bag Sealing Operations		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-
Note: The HAP emission rate is included in the VOC emission rate.			

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MS-STL-03	3	PM ₁₀	-
Description of Activity		SO _x	-
Hot Wire Cutting Operations		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-
Note: The HAP emission rate is included in the VOC emission rate.			

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Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MS-STL-04	4	PM ₁₀	-
Description of Activity		SO _x	-
Optical Imagers and Laminators		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-
Note: The HAP emission rate is included in the VOC emission rate.			

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MS-STL-05	2	PM ₁₀	-
Description of Activity		SO _x	-
Extruders		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MS-005-01	1	PM ₁₀	<0.10
Description of Activity		SO _x	-
Coal Conveyor System (fugitive dust emissions in building enclosure)		NO _x	-
		VOC	-
		CO	-
		Lead	-
		HAPs	-
		Other	-

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Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MS-032-01	1	PM ₁₀	-
Description of Activity		SO _x	-
Resin Curing Laser System (for the production of plastic airplane models)		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-
Note: The HAP emission rate is included in the VOC emission rate.			

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MS-040-01	2	PM ₁₀	-
Description of Activity		SO _x	-
Deicing Activities (aircraft and ramp)		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-
Note: The HAP emission rate is included in the VOC emission rate.			

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MS-101-20	2	PM ₁₀	-
Description of Activity		SO _x	-
Chemical Spray Etchers (for metal surfaces in Nameplate Department)		NO _x	-
		VOC	-
		CO	-
		Lead	-
		HAPs	-
		Other (Ferric Chloride)	<0.10

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Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MS-102-17	1	PM ₁₀	<0.10
Description of Activity		SO _x	-
Vented Laser Destination Chamber		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-
Note: The organic HAP emission rate is included in the VOC and the inorganic HAP emission rate is included in the PM ₁₀ emission rate.			

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MS-111-02	3	PM ₁₀	-
Description of Activity		SO _x	-
Laboratory Scrubbers (out of service-no plans for future use)		NO _x	-
		VOC	-
		CO	-
		Lead	-
		HAPs	-
		Other	-

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MS-248-01	1	PM ₁₀	-
Description of Activity		SO _x	-
Hot Plate (for glueing film adhesives)		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-
Note: The HAP emission rate is included in the VOC emission rate.			

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Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MT-STL-01	21	PM ₁₀	-
Description of Activity		SO _x	-
Miscellaneous Coolant Storage Tanks Note: The HAP emission rate is included in the VOC emission rate.		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MT-STL-02	Approximately 130	PM ₁₀	-
Description of Activity		SO _x	-
Mobile Hydraulic Oil Tanks Note: The HAP emission rate is included in the VOC emission rate.		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MT-STL-03	2	PM ₁₀	-
Description of Activity		SO _x	-
Solvent Storage Tanks (1800 gallon trichloroethylene and 500 gallon methanol) Note: The HAP emission rate is included in the VOC emission rate.		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-

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Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MT-STL-04	5	PM ₁₀	-
Description of Activity		SO _x	-
Small Chemical Additive Storage Tanks (for process tanks)		NO _x	-
		VOC	-
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MT-029A-02	1	PM ₁₀	-
Description of Activity		SO _x	-
Antifreeze Storage Tank Note: The HAP emission rate is included in the VOC emission rate.		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
OV-STL-01	12	PM ₁₀	<0.10
Description of Activity		SO _x	<0.10
Ovens (for adhesive/composite burn-off) (bench scale)		NO _x	<0.10
		VOC	<0.10
		CO	<0.10
		Lead	-
		HAPs	<0.10
		Other	<0.10

Note: The HAP emission rate is included in the VOC and PM₁₀ emission rates.

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Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
OV-STL-03	2	PM ₁₀	-
Description of Activity		SO _x	-
Process Ovens (hydrogen release from metal plating operations)		NO _x	-
		VOC	-
		CO	-
		Lead	-
		HAPs	-
		Other (Hydrogen)	<0.10

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
PE-STL-01	11	PM ₁₀	<0.10
Description of Activity		SO _x	-
Vented Particulate Creating Sources (i.e., grinding, sanding, milling, sawing, etc.) (5 of the 11 sources have particulate control devices)		NO _x	-
		VOC	-
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-
Note: The HAP emission rate is included in the PM ₁₀ emission rate.			

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
PF-STL-01	2	PM ₁₀	-
Description of Activity		SO _x	-
Packaging Foam Systems		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-
Note: The HAP emission rate is included in the VOC emission rate.			

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Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
PT-STL-01	Approximately 100	PM ₁₀	-
Description of Activity		SO _x	-
Small Process Tanks (i.e., etching, plating, cleaning, etc.)		NO _x	<0.10
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other (See Note 2)	<0.10

Note 1: The HAP emission rate is included in the VOC emission rate.
 Note 2: "Other Pollutants Emitted" includes Sulfuric Acid and Nitric Acid.

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
SP-STL-01	4	PM ₁₀	<0.10
Description of Activity		SO _x	-
Covered Salt Piles		NO _x	-
		VOC	-
		CO	-
		Lead	-
		HAPs	-
		Other	-

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
ST-STL-02	25	PM ₁₀	-
Description of Activity		SO _x	-
Diesel Storage Tanks (6 of the 25 tanks are USTs)		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-

Note: The HAP emission rate is included in the VOC emission rate.

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Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
ST-STL-03	10	PM ₁₀	-
Description of Activity		SO _x	-
Jet Fuel Storage Tanks (7 of the 10 tanks are USTs)		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-
Note: The HAP emission rate is included in the VOC emission rate.			

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
ST-STL-04	4	PM ₁₀	-
Description of Activity		SO _x	-
Fuel Oil No. 2 Underground Storage Tanks		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-
Note: The HAP emission rate is included in the VOC emission rate.			

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
ST-120-01	1	PM ₁₀	-
Description of Activity		SO _x	-
Fuel Oil No. 2 Aboveground Storage Tank (107,000 gallon capacity)		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-
Note: The HAP emission rate is included in the VOC emission rate.			

Section C

FORM OP - C03

LIST OF INSIGNIFICANT ACTIVITIES

Facility Name McDonnell Douglas Corporation		County No. 4300	Plant No. 0230	Year Submitted 1997
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Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
ST-120-02	1	PM ₁₀	-
Description of Activity		SO _x	-
Fuel Oil No. 2 Aboveground Storage Tank (50,000 gallon capacity) Note: The HAP emission rate is included in the VOC emission rate.		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
VR-STL-01	1	PM ₁₀	-
Description of Activity		SO _x	-
Vehicle Refueling Operation (diesel fuel used) Note: The HAP emission rate is included in the VOC emission rate.		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
WT-STL-01	28	PM ₁₀	-
Description of Activity		SO _x	-
Waste Storage Tanks Note: The HAP emission rate is included in the VOC emission rate.		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-

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Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
WT-STL-02	3	PM ₁₀	-
Description of Activity Waste Solvent Tanks (waste collection tanks from laboratory bench-scale activities)		SO _x	-
		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other	-
Note: The HAP emission rate is included in the VOC emission rate.			

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
WW-STL-01	1	PM ₁₀	-
Description of Activity Waste Water Treatment Plant (Building No. 14)		SO _x	-
		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other (See Note 2)	<0.10
Note 1: The HAP emission rate is included in the VOC emission rate. Note 2: "Other Pollutants Emitted" includes Sulfuric Acid and Nitric Acid.			

Emission Unit No.	Number of Activities (Grouped)	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
WW-248-01	1	PM ₁₀	-
Description of Activity Waste Water Treatment Tanks (for R&D activities)		SO _x	-
		NO _x	-
		VOC	<0.10
		CO	-
		Lead	-
		HAPs	<0.10
		Other (See Note 2)	<0.10
Note 1: The HAP emission rate is included in the VOC emission rate. Note 2: "Other Pollutants Emitted" includes Sulfuric Acid and Nitric Acid.			

EXISTING PLANT-WIDE PERMIT CONDITIONS

Section D

Facility Name	County No.	Plant No.	Year Submitted
Donnell Douglas Corporation	4300	0230	1997

Please list in the space provided below any permit conditions which are currently applicable on a plant-wide basis:
(i.e., Production is limited to 10,000 units per 12 month rolling average, or a limit on the facility's hours of operation.)

[illegible][illegible]

Facility Name Donnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Please list in the space provided below any proposed permit conditions which you wish to establish in this operating permit: (i.e., Production is limited to 10,000 units per 12 month rolling average, or a limit on the facility's hours of operation.)

Proposed Condition Number	Proposed Permit Condition(s) (please number)
PW-1	<p>Permittee may move, transfer, or otherwise relocate any emission unit into, between, or within Tracts I and/or II without obtaining a permit or permit revision under 10 CSR 10-6.060 or 10 CSR 10-6.065 if:</p> <p>1.) The actual emissions from the emission unit to be relocated are less than the <i>de minimis</i> level (tpy) for each criteria pollutant.</p> <p>2.) The actual emissions from the unit are less than 10 tpy for any single hazardous air pollutant (HAP) and 25 tpy for aggregate HAPs.</p> <p>Permittee shall provide written notification to the permitting authority within ten (10) days after each such change. Any emission unit whose total actual emissions of air contaminants is less than 200 pounds per year is further exempt from this notification requirement. (For additional comments, see Form OP-F01 following.)</p>

Please describe what methodologies you intend to use to demonstrate compliance with each of the proposed plant-wide condition(s) that are being established above: (i.e., testing, monitoring, recordkeeping, etc.)

Proposed Condition Number	Compliance Demonstration Method	Describe Method and Give Reference
PW-1	<p>Notification to St. Louis County</p> <p>Dept. of Health-Air Pollution Control</p> <p>Section (as stated above).</p>	<p>See above.</p>

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Statement Supporting Requested Condition on Form OP-D02 (PW-1)

McDonnell Douglas is filing this application for its facilities in St. Louis County, identified as Tracts I and II. As production demands vary, individual pieces of equipment may need to be relocated periodically within and between buildings within these two tracts and between tracts.

The flexibility to move sources within the various buildings and between tracts is crucial to the nature of this industry and to McDonnell Douglas' current and future production needs. The movement of existing sources within and between Tracts I and II and into Tracts I and II from other nearby but non-adjacent tracts in St. Louis County (i.e., Tracts III and IV) will not alter or otherwise change the major source status of the permitted facility. Of course, McDonnell Douglas understands that the construction of any new source within the permitted facility, as well as modification of an existing source which results in an increase of emissions of 200 pounds or more per year, is subject to the permitting requirements of 10 CSR 10-6.060 and 10-6.065.

FORM OP - D03

EMISSION UNIT INFORMATION

Section D

Facility Name McDonnell Douglas Corporation		County No. 4300	Plant No. 0230	Year Submitted 1997
Emission Point No. BF-STL-01	Emission Unit No. BF-STL-01		Source Classification Code (SCC) 4-02-001-01 (primary and alternate operating scenario)	
1. Emission Unit(s) Information				
Description Of Unit(s)	Manufacturer, Model No., Date Of Manufacture	Stack IDs	Maximum Design Rate/Capacity	
Spray application of primer or topcoat containing inorganic HAP to aerospace components in locations where particulate control does not meet 40 CFR 63.745 (g)(1) through (g)(3)	N.A.		N.A.	
Will this unit be operated under an alternate operating scenario? Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/> If Yes, you must complete a separate Section D.2 on FORM OP - D03 for each scenario.				Total Maximum DesignRate/Capacity N.A.
2. Alternate Operating Scenario (Flexibility)				
Alternate Scenario ID: BF-01		SIC Code Associated with Scenario: 3721		
Description This alternate operating scenario is being requested to obtain permitting authority determination of areas where it is not technically feasible to paint parts in a booth (40 CFR 63.745 (g)(4)(ix)), and thus are not required to meet particulate control requirements of 63.745 (g)(1) through (g)(3). In addition to the exceptions listed in 63.745 (g)(I) through (viii), the following operations are not feasible within a paint booth: 1) Touch-up of fasteners and standard parts. 2) Painting limited areas (not to exceed nine square feet) of a subassembly or aircraft located in an assembly area, where a coating is needed prior to further assembly or other operations preceding final moldline painting.				
Use FORM OP - F01 or the back of this page if additional space is needed for multiple Alternate Operating Scenarios.				
3. Voluntary Permit Conditions <i>for reducing potential emissions, conditions will become federally enforceable</i>				
Condition(s) Requested	Description	Limitation	Pollutant Controlled	
N.A.	N.A.	N.A.	N.A.	

FORM OP - D03

EMISSION UNIT INFORMATION

Section D

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
Emission Point No. BF-STL-03, BF-002-03, BF-027-03, BF-029-03, BF-048-03, BF-066-03, BF-101-03, BF-102-03, BF-220-03, BF-245-03	Emission Unit No. BF-STL-03, BF-002-03, BF-027-03, BF-029-03, BF-048-03, BF-066-03, BF-101-03, BF-102-03, BF-220-03, BF-245-03	Source Classification Code (SCC) 4-01-888-01 (primary and alternate operating scenario)	

1. Emission Unit(s) Information

Description Of Unit(s)	Manufacturer, Model No., Date Of Manufacture	Stack IDs	Maximum Design Rate/Capacity
Facility-wide hand-wipe cleaning subject to Aerospace NESHAP. 40 CFR Subpart GG and 10 CSR 10-6.075 MACT regulations.	N.A.		N.A.

Will this unit be operated under an alternate operating scenario?

Yes: ☒ No: ☐If Yes, you must complete a separate Section D.2
on FORM OP - D03 for each scenario.Total Maximum
Design Rate/Capacity
N.A.

2. Alternate Operating Scenario (Flexibility)

Alternate Scenario ID: BF-02	SIC Code Associated with Scenario: 3721
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Description

Rather than comply with the hand-wipe solvent vapor pressure or composition requirements of 40 CFR 63.743 (b)(1) or (2), McDonnell Douglas may elect to comply with an approved alternative compliance plan under 40 CFR 63.743 (b)(3). The plan would be based on a demonstration of 60% reduction in volume of hand-wipe solvent used, and would be subject to EPA review under section 112(l) of the federal Act and EPA approval.

Use FORM OP - F01 or the back of this page if additional space is needed for multiple Alternate Operating Scenarios.

3. Voluntary Permit Conditions for reducing potential emissions. conditions will become federally enforceable.

Condition(s) Requested	Description	Limitation	Pollutant Controlled
N.A.	N.A.	N.A.	N.A.

FORM OP - D03

EMISSION UNIT INFORMATION

Section D

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
Emission Point No. None CC-STL-01	Emission Unit No. CC-032-02 and CC-032-03, CC-245-04	Source Classification Code (SCC) 4-01-003-99 (primary and for alternate operating scenario)	

1. Emission Unit(s) Information

Description Of Unit(s)	Manufacturer, Model No., Date Of Manufacture	Stack IDs	Maximum Design Rate/Capacity
(3) Cold Cleaners (non-metal cleaning)			
Emission Unit Nos.			
CC-032-02	Ramco, unknown, April 1996	S-032-02	50 gallon capacity
CC-032-03	Unique Ind., Inc., S5-105, April 1996	N.A.	50 gallon capacity
CC-245-04	unknown	N.A.	35 gallon capacity

Will this unit be operated under an alternate operating scenario?

Yes: ☒ No: ☐If Yes, you must complete a separate Section D.2
on FORM OP - D03 for each scenario.Total Maximum Design
Rate/Capacity

135 gallon capacity

2. Alternate Operating Scenario (Flexibility)

Alternate Scenario ID: CC-01	SIC Code Associated with Scenario: 3721
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Description

These cold cleaners are presently *not* in solvent metal cleaning service. This alternate scenario is being requested to allow McDonnell Douglas to use the cold cleaners for cleaning metal parts. McDonnell Douglas shall implement the applicable subsections of 10 CSR 10-5.300 for the alternate operating scenario. (See Form OP-D05 for 10 CSR 10-5.300.)

Use FORM OP - F01 or the back of this page if additional space is needed for multiple Alternate Operating Scenarios.

3. Voluntary Permit Conditions for reducing potential emissions, conditions will become federally enforceable

Condition(s) Requested	Description	Limitation	Pollutant Controlled
N.A.	N.A.	N.A.	N.A.

FORM OP - D03

EMISSION UNIT INFORMATION

Section D

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
Emission Point No. None	Emission Unit No. SB-101-34, SB-101-48, SB-220-02	Source Classification Code (SCC) 4-02-001-01 (primary and alternate operating scenario)	

1. Emission Unit(s) Information

Description Of Unit(s)	Manufacturer, Model No., Date Of Manufacture	Stack IDs	Maximum Design Rate/Capacity
Spray Booths			
Emission Unit Nos.			
SB-101-34	unknown	S-101-34	N.A.
SB-101-48	unknown	S-101-48	N.A.
SB-220-02	unknown	S-220-02	N.A.

Will this unit be operated under an alternate operating scenario?

Yes: ☒ No: ☐

If Yes, you must complete a separate Section D.2 on FORM OP - D03 for each scenario.

Total Maximum
Design Rate/Capacity
N.A.

2. Alternate Operating Scenario (Flexibility)

Alternate Scenario ID: SB-01	SIC Code Associated with Scenario: 3721
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Description

These booths are currently used to conduct industrial processes, such as sanding, grinding, and metal arc spraying, which are not covered by the Aerospace NESHAP or Industrial Surface Coating rules. As such, these booths are only subject to the requirements of 10 CSR 10-5.050. This alternate operating scenario is being requested to allow McDonnell Douglas to use the booths for applying coatings to aerospace components and assemblies. These booths would then become subject to the Aerospace NESHAP (for non-exempt coatings) and to Missouri's Industrial Surface Coating Rule (10 CSR 10-5.330). McDonnell Douglas shall implement one of the compliance options of the Aerospace NESHAP (as amended) and comply with the applicable subsections of 10 CSR 10-5.330.

(See Form OP-D05.)

Use FORM OP - F01 or the back of this page if additional space is needed for multiple Alternate Operating Scenarios.

3. Voluntary Permit Conditions for reducing potential emissions; conditions will become federally enforceable.

Condition(s) Requested	Description	Limitation	Pollutant Controlled
N.A.	N.A.	N.A.	N.A.

Facility Name McDonnell Douglas Corporation		County No. 4300	Plant No. 0230	Year Submitted 1997
Emission Point No. See Table D03-1 (attached)	Emission Unit No. See Table D03-1 (attached)		Source Classification Code (SCC) 4-02-001-01 spray booths 4-02-009-31 maskant lines (perc.) 4-02-009-01 maskant line (waterbased)	

1. Emission Unit(s) Information

Description Of Unit(s)	Manufacturer, Model No., Date Of Manufacture	Stack IDs	Maximum Design Rate/Capacity
All coating lines used in aerospace production including all maskant lines. (See Table D03-1)	See Table D03-1		N.A.

Will this unit be operated under an alternate operating scenario?

Yes: ☒ No: ☐If Yes, you must complete a separate Section D.2
on FORM OP - D03 for each scenario.Total Maximum
DesignRate/Capacity
N.A.

2. Alternate Operating Scenario (Flexibility)

Alternate Scenario ID: CL-01	SIC Code Associated with Scenario: 3721
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Description

This alternate operating scenario is being requested to allow the use of any combination of primers, topcoats, or chemical milling maskants such that the monthly volume-weighted average organic HAP and VOC contents of the combination of primers, topcoats, or chemical milling maskants complies with the specified content limits, as allowed under the Aerospace NESHAP, 40 CFR 63.743 (d).

This alternate operating scenario would be available only after the effective date of any revision to 10 CSR 10-5.330 under which such averaging is allowable. Such a revision to 10 CSR 10-5.330 would be permissible, but not required, under the Aerospace NESHAP and the Aerospace CTG.

Use FORM OP - F01 or the back of this page if additional space is needed for multiple Alternate Operating Scenarios.

3. Voluntary Permit Conditions for reducing potential emissions; conditions will become federally enforceable

Condition(s) Requested	Description	Limitation	Pollutant Controlled
N.A.	N.A.	N.A.	N.A.

MCDONNELL DOUGLAS CORPORATION

St. Louis, Missouri

Tracts I and II

**Table D03-1: Alternate Operating Scenario for Coating Lines and Maskant Lines
(Aerospace Production)**

EIQ Emission Point No.	Emission Unit No.	Description	Manufacturer/Model No./ Date of Manufacture	Stack No.
CL-002-01	SB-002-01	Spray Booth (Aerospace Production)	Unknown	SB002-01
CL-002-02	SB-002-06	Spray Booth (Aerospace Production)	Unknown	SB002-06
CL-027-01	SB-027-01	Spray Booth (Aerospace Production)	Unknown	SB027-01
CL-027-01	SB-027-02	Spray Booth (Aerospace Production)	Unknown	SB027-01A
CL-027-01	SB-027-03	Spray Booth (Aerospace Production)	Unknown	SB027-01B
CL-027-01	SB-027-04	Spray Booth (Aerospace Production)	Unknown	SB027-02
CL-027-01	SB-027-05	Spray Booth (Aerospace Production)	Unknown	SB027-02A
CL-029-01	CL-029-01	Spray Booth (Aerospace Production) (Adhesive Bonding Primers & Specialty Coatings)	Unknown	CL029-01
CL-029-02	SB-029A-01	Spray Booth (Aerospace Production & QA/QC)	Unknown	SB029A-01
CL-048-01	SB-048-01	Spray Booth (Aerospace Production)	Unknown	SB048-01
CL-048-01	SB-048-02	Spray Booth (Aerospace Production)	Unknown	SB048-01A
CL-048-01	SB-048-03	Spray Booth (Aerospace Production)	Unknown	SB048-01B
CL-048-01	SB-048-04	Spray Booth (Aerospace Production)	Unknown	SB048-01C
CL-048-01	SB-048-05	Spray Booth (Aerospace Production)	Unknown	SB048-02
CL-048-01	SB-048-06	Spray Booth (Aerospace Production)	Unknown	SB048-02A
CL-048-01	SB-048-07	Spray Booth (Aerospace Production)	Unknown	SB048-02B
CL-048-01	SB-048-08	Spray Booth (Aerospace Production)	Unknown	SB048-02C
CL-060-01	SB-060-01	Spray Booth (Aerospace Production Using Aerosol Cans)	Unknown	SB060-01
CL-063-01	SB-063-01	Spray Booth (Aerospace Production)	Unknown	SB063-01
CL-066-01	SB-066-01	Spray Booth (Aerospace Production)	Unknown	SB066-02
CL-066-02	SB-066-02	Spray Booth (Research & Development)	Unknown	SB066-01
CL-101-01	SB-101-01	Spray Booth (Aerospace Production) (Specialty Coatings Only)	Unknown	SB101-01
CL-101-01	SB-101-25	Spray Booth (Aerospace Production)	Unknown	SB101-01
CL-101-01	SB-101-26	Spray Booth (Aerospace Production)	Unknown	SB101-26
CL-101-01	SB-101-27	Spray Booth (Aerospace Production)	Unknown	SB101-27

MCDONNELL DOUGLAS CORPORATION

St. Louis, Missouri

Tracts I and II

**Table D03-1: Alternate Operating Scenario for Coating Lines and Maskant Lines
(Aerospace Production)**

EQ Emission Point No.	Emission Unit No.	Description	Manufacturer/Model No./ Date of Manufacture	Stack No.
CL-101-01	SB-101-29	Bench Spray Hood (Aerospace Production)	Unknown	SB101-29
CL-101-01	SB-101-30	Spray Booth (Aerospace Production)	Unknown	SB101-30
CL-101-01	SB-101-39	Spray Booth (Aerospace Production)	Unknown	SB101-39A
CL-101-01	SB-101-44	Spray Booth (Research & Development)	Unknown	SB101-44
CL-101-02	SB-101-02	Spray Booth (Aerospace Production and Research & Development Activities)	Unknown	SB101-02
CL-101-02	SB-101-33	Spray Booth (Aerospace Production and Research & Development Activities)	Unknown	SB101-33
CL-101-02	SB-101-40	Spray Booth (Aerospace Production)	Unknown	SB101-40
CL-101-02	SB-101-40A	Spray Booth (Aerospace Production)	Unknown	SB101-40A
CL-101-03	SB-101-04	Spray Booth (Periodic Aerospace Production and Research and Development)	Unknown	SB101-45A
CL-101-03	SB-101-41	Spray Booth (Research & Development)	Unknown	SB101-41
CL-101-03	SB-101-06	Spray Booth (Mock-up and Tooling, Periodic Aerospace Production)	Unknown	SB101-45B
CL-101-03	SB-101-43	Spray Booth (Research & Development)	Unknown	SB101-43
CL-101-03	SB-101-35	Spray Booth (Research & Development)	Unknown	SB101-35
CL-101-03	SB-101-45	Spray Booth (Research & Development)	Unknown	SB101-45
CL-102-01	SB-102-01	Spray Booth (Research & Development)	Unknown	SB102-01
CL-102-01	SB-102-03	Spray Booth (Aerospace Production)	Unknown	SB102-03
CL-220-01	SB-220-01	Spray Booth (Aerospace Production) (Adhesive Bonding Primers & Specialty Coatings)	Unknown	SB220-01
CL-248-01	SB-248-01	Spray Booth (Research & Development)	Unknown	SB248-01
NONE	SB-101-10	Spray Booth (Research & Development)	Unknown	SB101-10
BF-STL-01	BF-STL-01	Facility-Wide Painting Operations (Aerospace Production) (Note: This emission point includes painting operations which are directly related to aerospace production, but are performed outside of a spray booth.)	Unknown	None
ML-051-01	ML-051-01	Maskant Line (Perchloroethylene)	Baron-Blakeslee CAH 6.12-3T-SP, 1982	S-5137
None	ML-051-02	Maskant Line (Waterbased)	Unknown	S-051-02

FORM OP - D03

EMISSION UNIT INFORMATION

Section D

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
Emission Point No. ML-051-01	Emission Unit No. ML-051-01	Source Classification Code (SCC) 4-02-009-31 (primary) 4-02-009-01 (alternate operating scenario)	

1. Emission Unit(s) Information

Description Of Unit(s)	Manufacturer, Model No., Date Of Manufacture	Stack IDs	Maximum Design Rate/Capacity
Maskant Line	Baron-Blakeslee, CAH 6.12-3T-SP, 1982	S-5137	1500 gallons maskant capacity, 4500 gallons perchloroethylene capacity

Will this unit be operated under an alternate operating scenario?

Yes: ☒ No: ☐If Yes, you must complete a separate Section D.2
on FORM OP - D03 for each scenario.Total Maximum
DesignRate/Capacity
N.A.

2. Alternate Operating Scenario (Flexibility)

Alternate Scenario ID: ML-01	SIC Code Associated with Scenario: 3721
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Description

This alternate operating scenario is being requested to allow the perchloroethylene maskant line (currently in operation) to be converted to a waterbased maskant line. Since perchloroethylene is not a VOC by regulatory definition, the maskant is not subject to Missouri's Industrial Surface Coating Rule (10 CSR 10-5.330) at this time. When conversion to the waterbased maskant occurs, McDonnell Douglas shall comply with the applicable subsections of 10 CSR 10-5.330 and the Aerospace NESHAP (as amended) for chemical milling maskants. (See Forms OP-D05 for 10 CSR 10-5.330 and 40 CFR Part 63, Subpart GG.)

3. Voluntary Permit Conditions for reducing potential emissions, conditions will become federally enforceable.

Condition(s) Requested	Description	Limitation	Pollutant Controlled
N.A.	N.A.	N.A.	N.A.

Facility Name McDonnell Douglas Corporation		County No. 4300	Plant No. 0230	Year Submitted 1997
Emission Point No. None	Emission Unit No. ST-120-01 ST-120-02		Source Classification Code (SCC) 3-90-900-03 (BL) 3-90-900-04 (WL)	

1. Emission Unit(s) Information

Description Of Unit(s)	Manufacturer, Model No., Date Of Manufacture	Stack IDs	Maximum Design Rate/Capacity
(2) Fuel Oil No. 2 Storage Tanks			
(Back-up fuel for (3) steam			
boilers in Bldg. 101)			
Emission Unit Nos.			
ST-120-01	unknown 1962	N.A.	107,000 gallons
ST-120-02	unknown 1958	N.A.	50,000 gallons

Will this unit be operated under an alternate operating scenario?

Yes: ☒ No: ☐If Yes, you must complete a separate Section D.2
on FORM OP - D03 for each scenario.Total Maximum
DesignRate/Capacity

157,000 gallons

2. Alternate Operating Scenario (Flexibility)

Alternate Scenario ID: ST-01	SIC Code Associated with Scenario: 3721
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Description

This alternate operating scenario is being requested to allow McDonnell Douglas to replace the above tanks with two (2) new tanks each with a capacity less than 151 m³. The new tanks will be used to store an organic liquid with a vapor pressure less than 15KPa. At the present time, the existing tanks are not subject to any applicable requirement. The new tanks, however, will become subject to 40 CFR Part 60, Subpart Kb. Since the capacity and liquid vapor pressure of the new tanks will be below the limits identified in the rule, the new tanks will be subject only to the recordkeeping requirements of subsection 60.116(b).

McDonnell Douglas shall keep records of the dimensions and calculated capacity of each tank in order to comply with this requirement. (See Form OP-D05.)

Use FORM OP - F01 or the back of this page if additional space is needed for multiple Alternate Operating Scenarios.

3. Voluntary Permit Conditions for reducing potential emissions. conditions will become federally enforceable.

Condition(s) Requested	Description	Limitation	Pollutant Controlled
N.A.	N.A.	N.A.	N.A.

MCDONNELL DOUGLAS CORPORATION

St. Louis, Missouri

Tracts I and II

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EQ Point Number	Emission Unit Number	Applicable Requirement	Form OP-D04 Page #	Form OP-D05 Page #
N.A.	Plantwide	40 CFR Part 61 Subpart M 10 CSR 10-6.080	D04F-1 D04F-1	D05F-1 ---
N.A.	Plantwide	40 CFR Part 70 10 CSR 10-6.065	D04F-2 D04F-2	D05F-2 D05F-2
N.A.	Plantwide	40 CFR Part 82, Subpart A 40 CFR Part 82, Subpart B 40 CFR Part 82, Subpart C	D04F-3 D04F-3 D04F-3	D05F-3 D05F-4 ---
N.A.	Plantwide	40 CFR Part 82, Subpart E 40 CFR Part 82, Subpart F	D04F-4 D04F-4	D05F-5 D05F-6
N.A.	Plantwide	40 CFR Part 82, Subpart G	D04F-5	---
N.A.	Plantwide	10 CSR 10-5.070	D04F-6	D05F-7
N.A.	Plantwide	10 CSR 10-5.090	D04F-7 and D04F-8	D05F-8
N.A.	Plantwide	10 CSR 10-5.100	D04F-9	D05F-9
N.A.	Plantwide	10 CSR 10-5.110	D04F-10	D05F-10
N.A.	Plantwide	10 CSR 10-5.150	D04F-11	D05F-11
N.A.	Plantwide	10 CSR 10-5.250	D04F-12	---
N.A.	Plantwide	10 CSR 10-6.110	D04F-13	D05F-12
N.A.	Plantwide	10 CSR 10-6.130	D04F-13	D05F-13
N.A.	Plantwide	10 CSR 10-6.150	D04F-14	---
N.A.	Plantwide	10 CSR 10-6.180	D04F-15	D05F-14
N.A.	Plantwide	10 CSR 10-5.160	D04S-1	D05S-1
N.A.	Plantwide	10 CSR 10-5.450	D04S-2	D05S-2
N.A.	Plantwide	10 CSR 10-6.050	D04S-3	D05S-3
N.A.	Plantwide	10 CSR 10-6.170	D04S-4	D05S-4
N.A.	Plantwide	10 CSR 10-6.240	D04S-5	D05S-5
N.A.	Plantwide	10 CSR 10-6.250	D04S-6	D05S-6
N.A.	Plantwide	10 CSR 10-6.260	D04S-7	D05S-7 thru D05S-10
N.A.	Plantwide	St. Louis County APC Code 612.310	D04S-3	D05S-11
N.A.	Plantwide	St. Louis County APC Code 612.340	D04S-8	D05S-12
AS-STL-01	AS-STL-01	No Emission Unit Specific Applicable Requirements	D04F-48	---
AS-STL-01	AS-STL-02	No Emission Unit Specific Applicable Requirements	D04F-48	---
AS-STL-01	AS-101-01	No Emission Unit Specific Applicable Requirements	D04F-48	---
AS-STL-01	AS-101-02	No Emission Unit Specific Applicable Requirements	D04F-48	---
AS-STL-01	SB-002-05	No Emission Unit Specific Applicable Requirements	D04F-48	---
AS-STL-01	SB-102-02	10 CSR 10-6.060	D04F-17	---
		St. Louis County APC Code 612.110	D04F-17	---
		Construction Permit #1207	D04F-17	---
		St. Louis County APC Code 612.120	D04S-10	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-10	---
		Operating Permit #5140	D04S-10	---
BF-STL-01	MS-101-01	No Emission Unit Specific Applicable Requirements	D04F-48	---
BF-STL-01	MS-101-08	St. Louis County APC Code 612.120	D04S-10	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-10	---
		Operating Permit #3208	D04S-10	---

MCDONNELL DOUGLAS CORPORATION

St. Louis, Missouri

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EQ Point Number	Emission Unit Number	Applicable Requirement	Form OP-D04 Page #	Form OP-D05 Page #
BF-STL-01	SB-120-01	10 CSR 10-6.060	D04F-17	---
		St. Louis County APC Code 612.110	D04F-17	---
		Construction Permit #1623	D04F-17	---
		St. Louis County APC Code 612.120	D04S-10	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-10	---
		Operating Permit #5619	D04S-10	---
BF-STL-02	BF-STL-01	No Emission Unit Specific Applicable Requirements	D04F-48	---
BF-STL-02	OV-066-02	No Emission Unit Specific Applicable Requirements	D04F-48	---
BF-STL-02	OV-101D-56	No Emission Unit Specific Applicable Requirements	D04F-48	---
BF-STL-02	PT-102-01	No Emission Unit Specific Applicable Requirements	D04F-48	---
BF-STL-02	SS-022-01	No Emission Unit Specific Applicable Requirements	D04F-48	---
BF-STL-03	BF-STL-03	40 CFR Part 63, Subpart GG	D04F-17	D05F-15
		10 CSR 10-6.075	D04F-17	D05F-15
BF-002-03	BF-002-03	40 CFR Part 63, Subpart GG	D04F-17	D05F-15
		10 CSR 10-6.075	D04F-17	D05F-15
BF-027-03	BF-027-03	40 CFR Part 63, Subpart GG	D04F-17	D05F-15
		10 CSR 10-6.075	D04F-17	D05F-15
BF--29-03	BF-029-03	40 CFR Part 63, Subpart GG	D04F-17	D05F-15
		10 CSR 10-6.075	D04F-17	D05F-15
BF-048-03	BF-048-03	40 CFR Part 63, Subpart GG	D04F-17	D05F-15
		10 CSR 10-6.075	D04F-17	D05F-15
BF-066-03	BF-066-03	40 CFR Part 63, Subpart GG	D04F-17	D05F-15
		10 CSR 10-6.075	D04F-17	D05F-15
BF-101-03	BF-101-03	40 CFR Part 63, Subpart GG	D04F-17	D05F-15
		10 CSR 10-6.075	D04F-17	D05F-15
BF-102-03	BF-102-03	40 CFR Part 63, Subpart GG	D04F-18	D05F-15
		10 CSR 10-6.075	D04F-18	D05F-15
BF-220-03	BF-220-03	40 CFR Part 63, Subpart GG	D04F-18	D05F-15
		10 CSR 10-6.075	D04F-18	D05F-15
BF-245-03	BF-245-03	40 CFR Part 63, Subpart GG	D04F-18	D05F-15
		10 CSR 10-6.075	D04F-18	D05F-15
NONE	MS-027-05	40 CFR Part 68 Section 112(r)	D04F-18	D05F-16
NONE	MS-052-01	40 CFR Part 68 Section 112(r)	D04F-18	D05F-17
CC-STL-01	CC-STL-01A	10 CSR 10-5.300	D04F-18	D05F-19 and D05F-20
CC-STL-01	CC-STL-01B	40 CFR Part 63, Subpart GG	D04F-18	D05F-18
		10 CSR 10-6.075	D04F-18	D05F-18
		10 CSR 10-5.300	D04F-18	D05F-19 and D05F-20
CC-STL-01	CC-101-14	10 CSR 10-6.060,	D04F-18	---
		St. Louis County APC Code 612.110	D04F-18	---
		Construction Permit #1711	D04F-18	---
		St. Louis County APC Code 612.120	D04S-10	D05S-13 thru D05S-17
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		Operating Permit #5700	D04S-10	---

MCDONNELL DOUGLAS CORPORATION

St. Louis, Missouri

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EQ Point Number	Emission Unit Number	Applicable Requirement	Form OP-D04 Page #	Form OP-D05 Page #
CC-STL-01	CC-101-15	10 CSR 10-5.300 10 CSR 10-6.060, St. Louis County APC Code 612.110 Construction Permit #6188 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit # (pending)	D04F-19 D04F-19 D04F-19 D04F-19 D04S-11 D04S-11 D04S-11	D05F-19 and D05F-20 D05F-21 D05F-21 D05F-21 D05S-13 thru D05S-17 --- ---
CC-STL-01	CC-102-01	10 CSR 10-5.300 St. Louis County APC Code 612.110 Construction Permit #0777 (not in effect) St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4374	D04F-19 D04S-11 D04S-11 D04S-11 D04S-11 D04S-11	D05F-19 and D05F-20 --- --- D05S-13 thru D05S-17 --- ---
CC-STL-01	CC-105-01	10 CSR 10-5.300 10 CSR 10-6.060, St. Louis County APC Code 612.110 Construction Permit #6180 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit # (pending)	D04F-19 D04F-19 D04F-19 D04F-19 D04S-11 D04S-11 D04S-11	D05F-19 and D05F-20 D05F-22 D05F-22 D05F-22 D05S-13 thru D05S-17 --- ---
CC-101-01	CC-101-16	10 CSR 10-5.300 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3595	D04F-19 D04S-11 D04S-11 D04S-11	D05F-19 and D05F-20 D05S-13 thru D05S-17 --- ---
CC-101-02	DT-101-07	10 CSR 10-5.300 10 CSR 10-6.060, St. Louis County APC Code 612.110 Construction Permit #1407 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5439	D04F-19 D04F-19 D04F-19 D04F-19 D04S-11 D04S-11 D04S-11	D05F-19 and D05F-20 --- --- --- D05S-13 thru D05S-17 --- ---
CC-101-02	DT-101-08	10 CSR 10-5.300 10 CSR 10-6.060, St. Louis County APC Code 612.110 Construction Permit #1407 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5439	D04F-19 D04F-19 D04F-19 D04F-19 D04S-12 D04S-12 D04S-12	D05F-19 and D05F-20 --- --- --- D05S-13 thru D05S-17 --- ---
CC-STL-01	CC-221-01	10 CSR 10-5.300 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #6114 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #6114	D04F-19 D04F-19 D04F-19 D04F-19 D04S-12 D04S-12 D04S-12	D05F-19 and D05F-20 D05F-23 D05F-23 D05F-23 D05S-13 thru D05S-17 D05S-18 D05S-18

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CC-STL-01	CC-245-04	No Emission Unit Specific Applicable Requirements	D04F-48	---
CL-002-01	MB-002-01	No Emission Unit Specific Applicable Requirements	D04F-48	---
CL-002-01	OV-002-01	No Emission Unit Specific Applicable Requirements	D04F-48	---
CL-002-01	SB-002-01	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1780 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5771 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-20 D04F-20 D04F-20 D04F-20 D04F-20 D04F-20 D04F-20 D04S-12 D04S-12 D04S-12 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05F-30 D05F-30 D05F-30 D05S-13 thru D05S-17 D05S-19 D05S-19 D05A-4 thru D05A-6
CL-002-02	SB-002-03	No Emission Unit Specific Applicable Requirements	D04F-48	---
CL-002-02	SB-002-06	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3553 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-20 D04F-20 D04F-20 D04F-20 D04S-12 D04S-12 D04S-12 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-002-02	MB-002-02	No Emission Unit Specific Applicable Requirements	D04F-48	---
CL-022-01	SB-022-01	St. Louis County APC Code 612.110 Construction Permit #0354 (not in effect) St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3488	D04S-13 D04S-13 D04S-13 D04S-13 D04S-13	--- --- D05S-13 thru D05S-17 --- ---
CL-027-01	OV-027-11	No Emission Unit Specific Applicable Requirements	D04F-48	---
CL-027-01	OV-027-23	No Emission Unit Specific Applicable Requirements	D04F-48	---
CL-027-01	OV-027-24	No Emission Unit Specific Applicable Requirements	D04F-48	---
CL-027-01	SB-027-01	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3222 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-20 D04F-20 D04F-20 D04F-20 D04S-13 D04S-13 D04S-13 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6

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CL-027-01	SB-027-03	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3224 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-21 D04F-21 D04F-21 D04F-21 D04S-13 D04S-13 D04S-13 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-027-01	SB-027-04	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3225 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-21 D04F-21 D04F-21 D04F-21 D04S-13 D04S-13 D04S-13 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-027-01	SB-027-05	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3216 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-21 D04F-21 D04F-21 D04F-21 D04S-14 D04S-14 D04S-14 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-029-01	CL-029-01	10 CSR 10-5.050 10 CSR 10-5.330 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #6259 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit # (pending) 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-22 D04F-22 D04F-22 D04F-22 D04F-22 D04S-14 D04S-14 D04S-14 ---	D05F-26 and D05F-27 D05F-28 and D05F-29 D05F-31 D05F-31 D05F-31 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6

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CL-029-02	SB-029A-01	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1755 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5739 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-22 D04F-22 D04F-22 D04F-22 D04F-22 D04F-22 D04F-22 D04S-14 D04S-14 D04S-14 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05F-32 D05F-32 D05F-32 D05S-13 thru D05S-17 D05S-20 D05S-20 D05A-4 thru D05A-6
CL-048-01	MB-048-01	10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1521 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5489	D04F-22 D04F-22 D04F-22 D04S-14 D04S-14 D04S-14	--- --- --- D05S-13 thru D05S-17 --- ---
CL-048-01	SB-048-01	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3221 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-22 D04F-22 D04F-22 D04F-22 D04S-14 D04S-14 D04S-14 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-048-01	SB-048-02	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3275 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-22 D04F-22 D04F-22 D04F-22 D04S-15 D04S-15 D04S-15 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-048-01	SB-048-03	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3276 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-22 D04F-22 D04F-22 D04F-22 D04S-15 D04S-15 D04S-15 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6

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CL-048-01	SB-048-05	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3278 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-24 D04F-24 D04F-24 D04F-24 D04S-15 D04S-15 D04S-15 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-048-01	SB-048-06	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3279 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-24 D04F-24 D04F-24 D04F-24 D04S-15 D04S-15 D04S-15 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-048-01	SB-048-07	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3280 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-24 D04F-24 D04F-24 D04F-24 D04S-16 D04S-16 D04S-16 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-048-01	SB-048-08	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3281 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-24 D04F-24 D04F-24 D04F-24 D04S-16 D04S-16 D04S-16 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-048-01	SS-048-01	No Emission Unit Specific Applicable Requirements	D04F-48	---

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CL-048-01	VS-048-01	10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1521 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5489	D04F-24 D04F-24 D04F-24 D04S-16 D04S-16 D04S-16	--- --- --- D05S-13 thru D05S-17 --- ---
CL-060-01	SB-060-01	10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5735 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-25 D04F-25 D04S-16 D04S-16 D04S-16 ---	D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-063-01	MB-063-01	10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1491 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5487	D04F-25 D04F-25 D04F-25 D04S-16 D04S-16 D04S-16	--- --- --- D05S-13 thru D05S-17 --- ---
CL-063-01	SB-063-01	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1490 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5486 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-25 D04F-25 D04F-25 D04F-25 D04F-25 D04F-25 D04F-25 D04S-17 D04S-17 D04S-17 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 --- --- --- D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-063-01	SB-063-02	No Emission Unit Specific Applicable Requirements	D04F-48	---
CL-066-01	SB-066-01	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1369 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5368 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-26 D04F-26 D04F-26 D04F-26 D04F-26 D04F-26 D04F-26 D04S-17 D04S-17 D04S-17 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05F-33 D05F-33 D05F-33 D05S-13 thru D05S-17 D05S-21 D05S-21 D05A-4 thru D05A-6

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CL-101-01	SB-101-01	10 CSR 10-5.050 10 CSR 10-5.330 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-26 D04F-26 ---	D05F-26 and D05F-27 D05F-28 and D05F-29 D05A-4 thru D05A-6
CL-101-01	SB-101-07	10 CSR 10-5.050 10 CSR 10-5.330	D04F-27 D04F-27	D05F-26 and D05F-27 D05F-28 and D05F-29
CL-101-01	SB-101-25	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3208 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-27 D04F-27 D04F-27 D04F-27 D04S-17 D04S-17 D04S-17 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-101-01	SB-101-26	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3208 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-27 D04F-27 D04F-27 D04F-27 D04S-17 D04S-17 D04S-17 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-101-01	SB-101-27	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3208 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-27 D04F-27 D04F-27 D04F-27 D04S-18 D04S-18 D04S-18 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6

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CL-101-01	SB-101-30	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3208 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-28 D04F-28 D04F-28 D04F-28 D04S-18 D04S-18 D04S-18 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-101-01	SB-101-39	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3554 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-28 D04F-28 D04F-28 D04F-28 D04S-18 D04S-18 D04S-18 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-101-01	SB-101-44	40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	---	D05A-4 thru D05A-6
CL-101-01	SB-101-46	No Emission Unit Specific Applicable Requirements	D04F-48	---
CL-101-02	SB-101-02	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1754 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5737 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-28 D04F-28 D04F-28 D04F-28 D04F-28 D04F-28 D04F-28 D04S-18 D04S-18 D04S-18 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05F-35 D05F-35 D05F-35 D05S-13 thru D05S-17 D05S-23 D05S-23 D05A-4 thru D05A-6

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CL-101-02	SB-101-33	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3219 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-29 D04F-29 D04F-29 D04F-29 D04S-19 D04S-19 D04S-19 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-101-02	SB-101-40	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3217 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-29 D04F-29 D04F-29 D04F-29 D04S-19 D04S-19 D04S-19 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-101-02	SB-101-40A	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3218 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-29 D04F-29 D04F-29 D04F-29 D04S-19 D04S-19 D04S-19 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-101-03	MB-101-01	10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #6208 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit # (pending)	D04F-29 D04F-29 D04F-29 D04S-19 D04S-19 D04S-19	D05F-37 D05F-37 D05F-37 D05S-13 thru D05S-17 --- ---
CL-101-03	SB-101-04	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #5988 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit # (pending) 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-30 D04F-30 D04F-30 D04F-30 D04F-30 D04F-30 D04F-30 D04S-19 D04S-19 D04S-19 ---	D05F-24 and D05F-25 --- D05F-26 and D05F-27 D05F-28 and D05F-29 D05F-36 D05F-36 D05F-36 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6

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CL-101-03	SB-101-41	10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1621 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5690 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-30 D04F-30 D04F-30 D04S-19 D04S-19 D04S-19 ---	--- --- --- D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-101-03	SB-101-06	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1473 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5440 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-30 D04F-30 D04F-30 D04F-30 D04F-30 D04F-30 D04F-30 D04S-20 D04S-20 D04S-20 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 --- --- --- D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-101-03	SB-101-43	10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1474 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5442 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-31 D04F-31 D04F-31 D04S-20 D04S-20 D04S-20 ---	--- --- --- D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-101-03	SB-101-35	10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1475 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5443 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-31 D04F-31 D04F-31 D04S-20 D04S-20 D04S-20 ---	--- --- --- D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-101-03	SB-101-45	10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #6208 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit # (pending) 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-32 D04F-32 D04F-32 D04S-20 D04S-20 D04S-20 ---	D05F-37 D05F-37 D05F-37 D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-102-01	OV-102-19	No Emission Unit Specific Applicable Requirements	D04F-48	---
CL-102-01	OV-102-21	No Emission Unit Specific Applicable Requirements	D04F-48	---
CL-102-01	OV-102-22	No Emission Unit Specific Applicable Requirements	D04F-48	---
CL-102-01	OV-102-23	No Emission Unit Specific Applicable Requirements	D04F-48	---

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CL-102-01	SB-102-01	10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1207 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5140 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-32 D04F-32 D04F-32 D04S-20 D04S-20 D04S-20 ---	--- --- --- D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-102-01	SB-102-03	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.050 10 CSR 10-5.330 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1042 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4902 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-33 D04F-33 D04F-33 D04F-33 D04F-33 D04F-33 D04F-33 D04S-21 D04S-21 D04S-21 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-26 and D05F-27 D05F-28 and D05F-29 --- --- --- D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-220-01	OV-220-18	No Emission Unit Specific Applicable Requirements	D04F-48	---
CL-220-01	SB-220-01	10 CSR 10-5.050 10 CSR 10-5.330 St. Louis County APC Code 612.110 Construction Permit #0576 (not in effect) St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4062 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-33 D04F-33 D04S-21 D04S-21 D04S-21 D04S-21 D04S-21 ---	D05F-26 and D05F-27 D05F-28 and D05F-29 --- --- D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
CL-245-01	SB-245-01	10 CSR 10-5.050 10 CSR 10-5.330 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1547 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5569	D04F-33 D04F-33 D04F-33 D04F-33 D04F-33 D04S-21 D04S-21 D04S-21	D05F-26 and D05F-27 D05F-28 and D05F-29 --- --- --- D05S-13 thru D05S-17 --- ---
CL-245-02	SB-245-02	10 CSR 10-5.050 10 CSR 10-5.330 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1709 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5701	D04F-33 D04F-33 D04F-33 D04F-33 D04F-33 D04S-21 D04S-21 D04S-21	D05F-26 and D05F-27 D05F-28 and D05F-29 --- --- --- D05S-13 thru D05S-17 --- ---
CL-245-01	SB-245-03	No Emission Unit Specific Applicable Requirements	D04F-48	---
CL-245-02	MB-245-01	No Emission Unit Specific Applicable Requirements	D04F-48	---

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CL-248-01	SB-248-01	10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1753 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5741 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-34 D04F-34 D04F-34 D04S-21 D04S-21 D04S-21 ---	D05F-38 D05F-38 D05F-38 D05S-13 thru D05S-17 D05S-24 D05S-24 D05A-4 thru D05A-6
NONE	SB-101-10	10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1668 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5691 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-34 D04F-34 D04F-34 D04S-22 D04S-22 D04S-22 ---	--- --- --- D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6
NONE	SB-101-34	10 CSR 10-5.050 40 CFR Part 63, Subpart GG (Alternate Operating Scenario) 10 CSR 5.330 (Alternate Operating Scenario)	D04F-34 --- ---	D05F-26 and D05F-27 D05A-2 D05A-3
NONE	SB-101-48	10 CSR 10-5.050 40 CFR Part 63, Subpart GG (Alternate Operating Scenario) 10 CSR 5.330 (Alternate Operating Scenario)	D04F-34 --- ---	D05F-26 and D05F-27 D05A-2 D05A-3
NONE	SB-220-02	10 CSR 10-5.050 40 CFR Part 63, Subpart GG (Alternate Operating Scenario) 10 CSR 5.330 (Alternate Operating Scenario)	D04F-34 --- ---	D05F-26 and D05F-27 D05A-2 D05A-3
BF-STL-01	BF-STL-01	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.330 40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-34 D04F-34 D04F-34 ---	D05F-24 and D05F-25 D05F-24 and D05F-25 D05F-28 and D05F-29 D05A-4 thru D05A-6
CS-005-02 (will be CS-005-01 in 1997)	CS-005-02	10 CSR 10-5.030 10 CSR 10-5.060 10 CSR 10-5.090 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1321 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5367	D04F-35 D04F-35 D04F-35 D04F-35 D04F-35 D04F-35 D04S-23 D04S-23 D04S-23	D05F-39 thru D05F-48 --- --- D05F-49 D05F-49 D05F-49 D05S-13 thru D05S-17 D05S-25 D05S-25
CS-005-03 (will be CS-005-01 in 1997)	CS-005-03	10 CSR 10-5.030 10 CSR 10-5.060 10 CSR 10-5.090 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1321 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5367	D04F-36 D04F-36 D04F-36 D04F-36 D04F-36 D04F-36 D04S-24 D04S-24 D04S-24	D05F-39 thru D05F-48 --- --- D05F-49 D05F-49 D05F-49 D05S-13 thru D05S-17 D05S-25 D05S-25

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CS-005-04 (will be CS-005-01 in 1997)	CS-005-04	10 CSR 10-5.030	D04F-36	D05F-39 thru D05F-48
		10 CSR 10-5.060	D04F-36	---
		10 CSR 10-5.090	D04F-36	---
		10 CSR 10-6.060	D04F-36	D05F-49
		St. Louis County APC Code 612.110	D04F-36	D05F-49
		Construction Permit #1321	D04F-36	D05F-49
		St. Louis County APC Code 612.120	D04S-24	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-24	D05S-25
CS-005-05	CS-005-05	Operating Permit #5367	D04S-24	D05S-25
		10 CSR 10-5.030	D04F-36	D05F-39 thru D05F-48
		10 CSR 10-5.060	D04F-36	---
		St. Louis County APC Code 612.120	D04S-24	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-24	---
CS-027-01	CS-027-01	Operating Permit #3124	D04S-24	---
		No Emission Unit Specific Applicable Requirements	D04F-49	---
		No Emission Unit Specific Applicable Requirements	D04F-49	---
		No Emission Unit Specific Applicable Requirements	D04F-49	---
		No Emission Unit Specific Applicable Requirements	D04F-49	---
CS-027-01	CS-027-01	No Emission Unit Specific Applicable Requirements	D04F-49	---
		No Emission Unit Specific Applicable Requirements	D04F-49	---
		No Emission Unit Specific Applicable Requirements	D04F-49	---
		No Emission Unit Specific Applicable Requirements	D04F-49	---
		No Emission Unit Specific Applicable Requirements	D04F-49	---
CS-101-01	CS-101-01	No Emission Unit Specific Applicable Requirements	D04F-49	---
		10 CSR 10-5.030	D04F-36	D05F-39 thru D05F-48
		10 CSR 10-5.060	D04F-36	---
		St. Louis County APC Code 612.120	D04S-24	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-24	D05S-26
CS-101-02	CS-101-02	Operating Permit #3078	D04S-24	D05S-26
		10 CSR 10-5.030	D04F-36	D05F-39 thru D05F-48
		10 CSR 10-5.060	D04F-36	---
		St. Louis County APC Code 612.120	D04S-24	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-24	D05S-26
CS-101-03	CS-101-03	Operating Permit #3077	D04S-24	D05S-26
		10 CSR 10-5.030	D04F-36	D05F-39 thru D05F-48
		10 CSR 10-5.060	D04F-36	---
		St. Louis County APC Code 612.120	D04S-24	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-24	D05S-27
CS-101-04	CS-101-04	Operating Permit #3077	D04S-24	D05S-27
		10 CSR 10-5.030	D04F-36	D05F-39 thru D05F-48
		10 CSR 10-5.060	D04F-36	---
		St. Louis County APC Code 612.120	D04S-25	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-25	D05S-27
CS-101-04	CS-101-04	Operating Permit #3077	D04S-25	D05S-27
		Operating Permit #3077	D04S-25	D05S-27

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CS-101-06	CS-101-06	40 CFR Part 60, Subpart E 10 CSR 10-6.070 10 CSR 10-5.030 10 CSR 10-5.060 10 CSR 10-5.080 10 CSR 10-5.090 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1227 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5230	D04F-37 D04F-37 D04F-37 D04F-37 D04F-37 D04F-37 D04F-37 D04F-37 D04F-37 D04S-25 D04S-25 D04S-25	D05F-50 D05F-50 D05F-39 thru D05F-48 --- D05F-51 --- --- --- D05S-13 thru D05S-17 --- ---
CS-102-01	CS-102-01	10 CSR 10-5.030 10 CSR 10-5.060 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3005	D04F-37 D04F-37 D04S-25 D04S-25 D04S-25	D05F-39 thru D05F-48 --- D05S-13 thru D05S-17 D05S-28 D05S-28
CS-102-02	CS-102-02	10 CSR 10-5.030 10 CSR 10-5.060 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3079	D04F-37 D04F-37 D04S-25 D04S-25 D04S-25	D05F-39 thru D05F-48 --- D05S-13 thru D05S-17 D05S-29 D05S-29
CS-102-03	CS-102-03	10 CSR 10-5.030 10 CSR 10-5.060 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3079	D04F-38 D04F-38 D04S-26 D04S-26 D04S-26	D05F-39 thru D05F-48 --- D05S-13 thru D05S-17 D05S-29 D05S-29

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CS-110-01	CS-110-01	10 CSR 10-5.030 10 CSR 10-5.060 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #0865 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4709	D04F-38 D04F-38 D04F-38 D04F-38 D04F-38 D04S-26 D04S-26 D04S-26	D05F-39 thru D05F-48 --- --- --- --- D05S-13 thru D05S-17 --- ---
CS-110-02	CS-110-02	10 CSR 10-5.030 10 CSR 10-5.060 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #0865 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4709	D04F-38 D04F-38 D04F-38 D04F-38 D04F-38 D04S-26 D04S-26 D04S-26	D05F-39 thru D05F-48 --- --- --- --- --- D05S-13 thru D05S-17 --- ---
CS-111-01	CS-111-01	10 CSR 10-5.030 10 CSR 10-5.060 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1332 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5287	D04F-38 D04F-38 D04F-38 D04F-38 D04F-38 D04S-26 D04S-26 D04S-26	D05F-39 thru D05F-48 --- --- --- --- --- D05S-13 thru D05S-17 --- ---
CS-111-02	CS-111-02	10 CSR 10-5.030 10 CSR 10-5.060 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1332 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5287	D04F-38 D04F-38 D04F-38 D04F-38 D04F-38 D04S-26 D04S-26 D04S-26	D05F-39 thru D05F-48 --- --- --- --- --- D05S-13 thru D05S-17 --- ---
CS-STL-01	CS-STL-01A	10 CSR 10-5.030 10 CSR 10-5.060	D04F-38 D04F-38	D05F-39 thru D05F-48 ---
CS-STL-01	CS-STL-01B	No Emission Unit Specific Applicable Requirements	D04F-49	---
CS-STL-01	CS-STL-01C	10 CSR 10-5.030 10 CSR 10-5.060	D04F-38 D04F-38	D05F-39 thru D05F-48 ---
CS-STL-01	CS-025-01	10 CSR 10-5.030 10 CSR 10-5.060 St. Louis County APC Code 612.110 Construction Permit #0779 (not in effect) St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4373	D04F-39 D04F-39 D04S-27 D04S-27 D04S-27 D04S-27 D04S-27	D05F-39 thru D05F-48 --- --- --- --- D05S-13 thru D05S-17 --- ---

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CS-STL-01	CS-066-01	10 CSR 10-5.030 10 CSR 10-5.060 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3210	D04F-39 D04F-39 D04S-27 D04S-27 D04S-27	D05F-39 thru D05F-48 --- D05S-13 thru D05S-17 --- ---
CS-STL-01	CS-066-02	10 CSR 10-5.030 10 CSR 10-5.060 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3210	D04F-39 D04F-39 D04S-27 D04S-27 D04S-27	D05F-39 thru D05F-48 --- D05S-13 thru D05S-17 --- ---
CS-STL-01	CS-066-03	10 CSR 10-5.030 10 CSR 10-5.060 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3210	D04F-39 D04F-39 D04S-27 D04S-27 D04S-27	D05F-39 thru D05F-48 --- D05S-13 thru D05S-17 --- ---
CS-STL-01	CS-066-04	10 CSR 10-5.030 10 CSR 10-5.060 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3210	D04F-39 D04F-39 D04S-27 D04S-27 D04S-27	D05F-39 thru D05F-48 --- D05S-13 thru D05S-17 --- ---
CS-STL-01	CS-067-01	10 CSR 10-5.030 10 CSR 10-5.060	D04F-39 D04F-39	D05F-39 thru D05F-48 ---
CS-STL-01	CS-067-02	10 CSR 10-5.030 10 CSR 10-5.060	D04F-39 D04F-39	D05F-39 thru D05F-48 ---
CS-STL-01	CS-111-03	10 CSR 10-5.030 10 CSR 10-5.060 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1333 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5288	D04F-39 D04F-39 D04F-39 D04F-39 D04F-39 D04S-28 D04S-28 D04S-28	D05F-39 thru D05F-48 --- --- --- --- --- D05S-13 thru D05S-17 --- ---
CS-STL-01	CS-221-01	10 CSR 10-5.030 10 CSR 10-5.060 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4103	D04F-39 D04F-39 D04S-28 D04S-28 D04S-28	D05F-39 thru D05F-48 --- D05S-13 thru D05S-17 --- ---
CS-STL-01	CS-221-02	10 CSR 10-5.030 10 CSR 10-5.060 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4103	D04F-40 D04F-40 D04S-28 D04S-28 D04S-28	D05F-39 thru D05F-48 --- D05S-13 thru D05S-17 --- ---
CT-STL-01	CT-STL-01A	No Emission Unit Specific Applicable Requirements	D04F-49	---
CT-STL-01	CT-STL-01B	No Emission Unit Specific Applicable Requirements	D04F-49	---
CU-STL-01	CU-STL-01A	No Emission Unit Specific Applicable Requirements	D04F-49	---
CU-STL-01	CU-STL-01B	No Emission Unit Specific Applicable Requirements	D04F-49	---

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CU-STL-01	HP-220-01	No Emission Unit Specific Applicable Requirements	D04F-49	---
CU-STL-01	MS-029A-04	No Emission Unit Specific Applicable Requirements	D04F-49	---
DB-027-01	PI-027-01	St. Louis County APC Code 612.110 Construction Permit #0645 (not in effect) St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4285	D04S-28 D04S-28 D04S-28 D04S-28 D04S-28	--- --- D05S-13 thru D05S-17 --- ---
DB-027-01	PI-027-01	St. Louis County APC Code 612.110 Construction Permit #0644 (not in effect) St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4286	D04S-29 D04S-29 D04S-29 D04S-29 D04S-29	--- --- D05S-13 thru D05S-17 --- ---
MC-STL-01	MC-STL-01	40 CFR Part 63, Subpart GG 10 CSR 10-6.075	D04F-40 D04F-40	D05F-52 D05F-52
NONE	DP-STL-01	40 CFR Part 63, Subpart GG 10 CSR 10-6.075	D04F-40 D04F-40	D05F-53 D05F-53
NONE	EG-STL-01	10 CSR 10-5.180	D04F-40	D05F-54
FA-005-01	FA-005-01	No Emission Unit Specific Applicable Requirements	D04F-49	---
NONE	GB-027-01	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3126	D04S-29 D04S-29 D04S-29	D05S-13 thru D05S-17 --- ---
NONE	GB-027-02	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3127	D04S-29 D04S-29 D04S-29	D05S-13 thru D05S-17 --- ---
HT-027-01	OV-027-01	No Emission Unit Specific Applicable Requirements	D04F-49	---
HT-027-01	OV-027-02	No Emission Unit Specific Applicable Requirements	D04F-49	---
HT-027-01	OV-027-03	No Emission Unit Specific Applicable Requirements	D04F-49	---
HT-245-01	OV-245-04	No Emission Unit Specific Applicable Requirements	D04F-49	---
HT-245-01	OV-245-05	No Emission Unit Specific Applicable Requirements	D04F-49	---
HT-245-01	OV-245-06	No Emission Unit Specific Applicable Requirements	D04F-49	---
NONE	HW-STL-01	40 CFR Part 63, Subpart GG 10 CSR 10-6.075	D04F-40 D04F-40	D05F-55 D05F-55
NONE	MS-027-04	40 CFR Part 63, Subpart DD	D04F-40	D05F-56
ML-051-01	ML-051-01	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1164 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5137 40 CFR Part 63, Subpart GG (Alternate Operating Scenario) 40 CFR Part 63, Subpart GG (Alternate Operating Scenario) 10 CSR 5.330 (Alternate Operating Scenario)	D04F-40 D04F-40 D04F-40 D04F-40 D04F-40 D04S-29 D04S-29 D04S-29 --- --- ---	D05F-57 D05F-57 --- --- --- D05S-13 thru D05S-17 --- --- D05A-4 thru D05A-6 D05A-7 D05A-8

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ML-051-01	CC-051-01	40 CFR Part 63, Subpart T 10 CSR 10-6.075 40 CFR Part 63, Subpart A 10 CSR 10-5.300	D04F-41 D04F-41 D04F-41 D04F-41	D05F-58 D05F-58 D05F-58 D05F-19 and D05F-20
ML-051-01	CC-051-02	40 CFR Part 63, Subpart T 10 CSR 10-6.075 40 CFR Part 63, Subpart A 10 CSR 10-5.300	D04F-41 D04F-41 D04F-41 D04F-41	D05F-58 D05F-58 D05F-58 D05F-19 and D05F-20
NONE	ML-051-02	40 CFR Part 63, Subpart GG 10 CSR 10-6.075 10 CSR 10-5.330 40 CFR Part 63, Subpart GG (Alternate Operating Scenario)	D04F-41 D04F-41 D04F-41 ---	D05F-57 D05F-57 D05F-59 D05A-4 thru D05A-6
MO-029-A	MO-029-01	10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1087 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4930	D04F-41 D04F-41 D04F-41 D04S-30 D04S-30 D04S-30	--- --- --- D05S-13 thru D05S-17 --- ---
MO-029-A	MO-029-02	10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1520 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5500	D04F-41 D04F-41 D04F-41 D04S-30 D04S-30 D04S-30	--- --- --- D05S-13 thru D05S-17 --- ---
MP-STL-01	MP-STL-01	No Emission Unit Specific Applicable Requirements	D04F-49	---
MP-STL-01	SB-002-04	No Emission Unit Specific Applicable Requirements	D04F-49	---
MP-STL-01	SB-032-01	St. Louis County APC Code 612.110 Construction Permit #0866 (not in effect) St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4520	D04S-30 D04S-30 D04S-30 D04S-30 D04S-30	--- --- D05S-13 thru D05S-17 --- ---
MP-STL-01	SB-032-02	No Emission Unit Specific Applicable Requirements	D04F-49	---
NONE	OV-220-11	10 CSR 10-5.050	D04F-41	D05F-60
NONE	OV-220-12	10 CSR 10-5.050	D04F-42	D05F-60
NONE	OV-220-13	10 CSR 10-5.050	D04F-42	D05F-60
NONE	OV-220-14	10 CSR 10-5.050	D04F-42	D05F-60
PT-027-01	PT-027-01A	St. Louis County APC Code 612.110 Construction Permit #0670 (not in effect) St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5438	D04S-30 D04S-30 D04S-30 D04S-30 D04S-30	--- --- D05S-13 thru D05S-17 --- ---
PT-027-01	PT-027-01	St. Louis County APC Code 612.110 Construction Permit #0670 (not in effect) St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5438	D04S-31 D04S-31 D04S-31 D04S-31 D04S-31	--- --- D05S-13 thru D05S-17 --- ---

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PT-027-02	PT-027-02	10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1306 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5438	D04F-42 D04F-42 D04F-42 D04S-31 D04S-31 D04S-31	--- --- --- D05S-13 thru D05S-17 --- ---
PT-027-03	PT-027-03A	St. Louis County APC Code 612.110 Construction Permit #0912 (not in effect) St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3320	D04S-31 D04S-31 D04S-31 D04S-31 D04S-31	--- --- D05S-13 thru D05S-17 --- ---
PT-027-03	PT-027-03B	St. Louis County APC Code 612.110 Construction Permit #0912 (not in effect) St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3320	D04S-31 D04S-31 D04S-31 D04S-31 D04S-31	--- --- D05S-13 thru D05S-17 --- ---
PT-027-04	PT-027-04A	No Emission Unit Specific Applicable Requirements	D04F-50	---
PT-027-04	PT-027-04B	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4234	D04S-32 D04S-32 D04S-32	D05S-13 thru D05S-17 --- ---
PT-027-04	PT-027-04C	No Emission Unit Specific Applicable Requirements	D04F-50	---
PT-027-05	PT-027-05A	40 CFR Part 63, Subpart N 10 CSR 10-6.075 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3596	D04F-42 D04F-42 D04S-32 D04S-32 D04S-32	D05F-61 D05F-61 D05S-13 thru D05S-17 --- ---
PT-027-05	PT-027-05B	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3596	D04S-32 D04S-32 D04S-32	D05S-13 thru D05S-17 --- ---
PT-027-06	PT-027-06A	St. Louis County APC Code 612.110 Construction Permit #0599 (not in effect) St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3976	D04S-32 D04S-32 D04S-32 D04S-32 D04S-32	--- --- D05S-13 thru D05S-17 --- ---
PT-027-07	PT-027-07A	St. Louis County APC Code 612.110 Construction Permit #0220 (not in effect) St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3321	D04S-32 D04S-32 D04S-32 D04S-32 D04S-32	--- --- D05S-13 thru D05S-17 --- ---
PT-027-08B	PT-027-08B1	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4233	D04S-33 D04S-33 D04S-33	D05S-13 thru D05S-17 --- ---
PT-027-08B	PT-027-08B2	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4233	D04S-33 D04S-33 D04S-33	D05S-13 thru D05S-17 --- ---

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PT-027-08B	PT-027-08B3	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4233	D04S-33 D04S-33 D04S-33	D05S-13 thru D05S-17 --- ---
PT-027-08B	PT-027-08B4	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4233 and 4235	D04S-33 D04S-33 D04S-33	D05S-13 thru D05S-17 --- ---
PT-027-09A	PT-027-09A1	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4234	D04S-33 D04S-33 D04S-33	D05S-13 thru D05S-17 --- ---
PT-027-09B	PT-027-09B2	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4234	D04S-34 D04S-34 D04S-34	D05S-13 thru D05S-17 --- ---
PT-027-10	PT-027-10A	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4235	D04S-34 D04S-34 D04S-34	D05S-13 thru D05S-17 --- ---
PT-027-10	PT-027-10B	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4235	D04S-34 D04S-34 D04S-34	D05S-13 thru D05S-17 --- ---
PT-027-10	PT-027-10C	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4235	D04S-34 D04S-34 D04S-34	D05S-13 thru D05S-17 --- ---
PT-027-10	PT-027-10D	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4235	D04S-34 D04S-34 D04S-34	D05S-13 thru D05S-17 --- ---
PT-027-10	PT-027-10E	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4235	D04S-35 D04S-35 D04S-35	D05S-13 thru D05S-17 --- ---
PT-027-11	PT-027-11	No Emission Unit Specific Applicable Requirements	D04F-50	---
PT-027-12	PT-027-12A	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3555	D04S-35 D04S-35 D04S-35	D05S-13 thru D05S-17 --- ---
PT-027-12	PT-027-12B	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3555	D04S-35 D04S-35 D04S-35	D05S-13 thru D05S-17 --- ---
PT-051-01	PT-051-01	No Emission Unit Specific Applicable Requirements	D04F-50	---
PT-051-02	PT-051-02A	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3578	D04S-35 D04S-35 D04S-35	D05S-13 thru D05S-17 --- ---
PT-051-02	PT-051-02B	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3578	D04S-35 D04S-35 D04S-35	D05S-13 thru D05S-17 --- ---
PT-101-01	PT-101-01	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5239	D04S-36 D04S-36 D04S-36	D05S-13 thru D05S-17 --- ---

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PT-101-02	PT-101-02	10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1303 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5240	D04F-42 D04F-42 D04F-42 D04S-36 D04S-36 D04S-36	--- --- D05S-13 thru D05S-17 --- ---
PT-101-03	PT-101-03A	10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #1304 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #5243	D04F-42 D04F-42 D04F-43 D04S-36 D04S-36 D04S-36	--- --- D05S-13 thru D05S-17 --- ---
PT-101-03	PT-101-03B	No Emission Unit Specific Applicable Requirements	D04F-50	
PT-101-04	PT-101-04A	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3518	D04S-36 D04S-36 D04S-36	D05S-13 thru D05S-17 --- ---
PT-101-04	PT-101-04B	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3518	D04S-36 D04S-36 D04S-36	D05S-13 thru D05S-17 --- ---
PT-101-04	PT-101-04C	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3518	D04S-37 D04S-37 D04S-37	D05S-13 thru D05S-17 --- ---
PT-101-04	PT-101-04D	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3518	D04S-37 D04S-37 D04S-37	D05S-13 thru D05S-17 --- ---
PT-101-04	PT-101-04E	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3518	D04S-37 D04S-37 D04S-37	D05S-13 thru D05S-17 --- ---
PT-101-04	PT-101-04F	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3518	D04S-37 D04S-37 D04S-37	D05S-13 thru D05S-17 --- ---
PT-101-04	PT-101-04G	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3518	D04S-37 D04S-37 D04S-37	D05S-13 thru D05S-17 --- ---
PT-101-04	PT-101-04H	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3518	D04S-38 D04S-38 D04S-38	D05S-13 thru D05S-17 --- ---
PT-101-04	PT-101-04I	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3518	D04S-38 D04S-38 D04S-38	D05S-13 thru D05S-17 --- ---
PT-101-04	PT-101-04J	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3518	D04S-38 D04S-38 D04S-38	D05S-13 thru D05S-17 --- ---
PT-101-04	PT-101-04K	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3518	D04S-38 D04S-38 D04S-38	D05S-13 thru D05S-17 --- ---

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PT-220-01	PT-220-01A	St. Louis County APC Code 612.110 Construction Permit #0572 (not in effect) St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4056	D04S-38 D04S-38 D04S-38 D04S-38 D04S-38	--- --- D05S-13 thru D05S-17 --- ---
PT-220-01	PT-220-01B	St. Louis County APC Code 612.110 Construction Permit #0574 (not in effect) St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4060	D04S-39 D04S-39 D04S-39 D04S-39 D04S-39	--- --- D05S-13 thru D05S-17 --- ---
NONE	PT-027-13	10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #0919 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4904	D04F-42 D04F-42 D04F-42 D04S-39 D04S-39 D04S-39	--- --- --- D05S-13 thru D05S-17 --- ---
NONE	PT-027-14	10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #0950 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4905	D04F-42 D04F-42 D04F-42 D04S-39 D04S-39 D04S-39	--- --- --- D05S-13 thru D05S-17 --- ---
NONE	PT-029A-01	10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit #6260 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit # (pending)	D04F-42 D04F-42 D04F-42 D04S-40 D04S-40 D04S-40	--- --- --- D05S-13 thru D05S-17 --- ---
NONE	PT-051-03	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3581	D04S-39 D04S-39 D04S-39	D05S-13 thru D05S-17 --- ---
NONE	PT-051-04	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3582	D04S-39 D04S-39 D04S-39	D05S-13 thru D05S-17 --- ---
NONE	PT-051-05	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #3583	D04S-40 D04S-40 D04S-40	D05S-13 thru D05S-17 --- ---
NONE	PT-220-02	St. Louis County APC Code 612.110 Construction Permit #0573 (not in effect) St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4059	D04S-40 D04S-40 D04S-40 D04S-40 D04S-40	--- --- D05S-13 thru D05S-17 --- ---

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NONE	PT-220-03	St. Louis County APC Code 612.110 Construction Permit #0575 (not in effect) St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #4061	D04S-40 D04S-40 D04S-40 D04S-40 D04S-40	--- --- D05S-13 thru D05S-17 --- ---
RF-STL-01	RF-STL-01	No Emission Unit Specific Applicable Requirements	D04F-50	---
RF-STL-02	RF-STL-02	No Emission Unit Specific Applicable Requirements	D04F-50	---
SP-005-01	SP-005-01	10 CSR 10-5.120	D04F-42	D05F-62
ST-STL-01	ST-022-22	40 CFR Part 80.22 (j) 10 CSR 10-5.220 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permits #V1072 and V5529 10 CSR 10-5.443 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #2471	D04F-43 D04F-43 D04F-43 D04F-43 D04F-43 D04S-41 D04S-41 D04S-41 D04S-41	--- D05F-64 --- --- --- D05S-30 D05S-13 thru D05S-17 --- ---
ST-STL-01	ST-022-25	40 CFR Part 80.22 (j) 10 CSR 10-5.220 10 CSR 10-6.060 St. Louis County APC Code 612.110 Construction Permit 10 CSR 10-5.443 St. Louis County APC Code 612.120 St. Louis County APC Code 612.150 Operating Permit #2471	D04F-43 D04F-43 D04F-43 D04F-43 D04F-43 D04S-41 D04S-41 D04S-41 D04S-41	--- D05F-64 --- --- --- D05S-30 D05S-13 thru D05S-17 --- ---
ST-STL-01	ST-041-20	40 CFR Part 80.22 (j) 10 CSR 10-5.220 St. Louis County APC Code 612.110 Construction Permit #V718 (not in effect) 10 CSR 10-5.443 St. Louis County APC Code 612.120 Operating Permit #V2069	D04F-43 D04F-43 D04F-43 D04F-43 D04S-41 D04S-41 D04S-41	--- D05F-65 --- --- D05S-30 D05S-13 thru D05S-17 ---
ST-STL-01	ST-066-01	10 CSR 10-5.443	D04S-41	D05S-30
ST-STL-01	ST-102B-01	10 CSR 10-5.443	D04S-41	D05S-30
ST-STL-01	ST-121-01	40 CFR Part 80.22 (j) 10 CSR 10-5.220 10 CSR 10-5.443	D04F-43 D04F-43 D04S-41	--- D05F-66 D05S-30
ST-STL-01	ST-245-02	10 CSR 10-5.443	D04S-41	D05S-30
NONE	ST-005-20	40 CFR Part 60, Subpart Kb, 60.116(b) 10 CSR 10-6.070	D04F-44 D04F-44	D05F-63 D05F-63
NONE	ST-005-21	40 CFR Part 60, Subpart Kb, 60.116(b) 10 CSR 10-6.070	D04F-44 D04F-44	D05F-63 D05F-63
NONE	ST-041-22	40 CFR Part 60, Subpart Kb, 60.116(b) 10 CSR 10-6.070	D04F-44 D04F-44	D05F-63 D05F-63

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NONE	ST-041-24	40 CFR Part 60, Subpart Kb, 60.116(b) 10 CSR 10-6.070	D04F-44 D04F-44	D05F-63 D05F-63
NONE	ST-102-21	40 CFR Part 60, Subpart Kb, 60.116(b) 10 CSR 10-6.070	D04F-44 D04F-44	D05F-63 D05F-63
NONE	ST-111-01	40 CFR Part 60, Subpart Kb, 60.116(b) 10 CSR 10-6.070	D04F-44 D04F-44	D05F-63 D05F-63
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MCDONNELL DOUGLAS CORPORATION

St. Louis, Missouri

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